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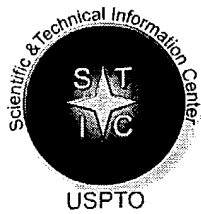
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STIC Search Report

EIC 2600

STIC Database Tracking Number: 135505

TO: Jon Chang
Location: CPK1 4D46
Art Unit: 2623
Monday, October 25, 2004

Case Serial Number: 09/982728

From: Pamela Reynolds
Location: EIC 2600
PK2-3C03
Phone: 306-0255

Pamela.Reynolds@uspto.gov

Search Notes

Dear Jon Chang

Please find attached the search results for 09982728. I used the search strategy I emailed to you to edit, not hearing from you I proceeded. I searched the standard Dialog files, IBM TDBs, INSPEC, IEEE, and the internet.

If you would like a re-focus please let me know.

Thank you.



Access DB# 135505
#45

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Jon Chang Examiner #: 71282 Date: 10/19/04
Art Unit: 2623 Phone Number 30 305-8489 Serial Number: 09/982728
Mail Box and Bldg/Room Location: CPK1-4D46 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Identifying Image Content
Inventors (please provide full names): Sudheer Sirivara, Jeffrey S. McVeigh, Robert J. Reese

Earliest Priority Filing Date: 10/17/01

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

* Please do a non-patent literature search.*

The invention relates to file sharing of "content" such as audio, media, music, images, video, mp3's, etc, over a network (e.g., internet). In a nutshell, a user wants to ^{transfer} access or obtain a copy of some content, say an audio file. The invention extracts features from the content, and compares the extracted features with reference features which are stored in a database (data store). If there are reference features which match with the extracted features, then the content is considered "protected." Authorization for access to the content is allowed if the user pays a fee. If there is no match, then the content is not protected, ~~then~~ ^{and} access is permitted. One well known file sharing service is Napster, but it is different from the invention.

STAFF USE ONLY

Searcher: Paynel Reynolds
Searcher Phone #: 306-0255
Searcher Location: 10-25-04 9140
Date Searcher Picked Up: 10-25-04 3:00
Date Completed: _____
Searcher Prep & Review Time: _____

Type of Search

Sequence (#) _____
AA Sequence (#) _____
Structure (#) _____
Bibliographic ☒
Litigation ☒
Fulltext ☒

Vendors and cost where applicable

STN _____
Dialog ☒
Questel/Orbit _____
Dr. Link _____
Lexis/Nexis _____
Sequence Systems ☒
Internet ☒

Set	Items	Description
S1	372	FILE?(3N) (SHARES OR SHARED OR SHARING)
S2	13885	AUDIO OR MUSIC OR IMAGE? OR GRAPHIC? OR VIDEO OR MP3 OR MOVIE
S3	471	S2(3N) (SECTION? OR CLIP???? OR SEGMENT? ? OR PARTS OR PIECE? ? OR PORTION? ? OR PARTITION? OR SECTION? ?)
S4	324	S2(3N) (PART OR BLOCK? ? OR FRAGMENT? OR SAMPLE OR SAMPLES - OR SAMPLING OR FRAME? OR SUBPORTION? OR SIGNATURE? OR SUBREGION?)
S5	27	(AUTHOR? OR APPROV? OR ALLOW? OR PERMIT? OR PERMIS? OR VALIDAT? OR AUTHENTICAT? OR ACCEPT? OR CERTIF?) (3N) S1
S6	31931	NETWORK? OR INTERNET OR SERVER?
S7	36	REFERENCE(3N) FEATURE?
S8	9009	CONTENT?
S9	18	EDGE(3N) DETECT?
S10	68	EXTRACT?(3N) (FEATURE? OR ID OR IDENTIFICATION OR IDENTIFIER?)
S11	1	(MATCH? OR CORRESPOND? OR CORRELAT? OR RELATED OR ASSOCIAT? OR COMPAR?) AND S7 AND S8
S12	423	(HALT? OR PROTECT? OR BLOCK? OR REJECT? OR PREVENT? OR DENY? OR DENIES) (3N) (TRANSFER? OR ACCESS OR DOWNLOAD? OR DOWN()) LOAD?)
S13	5783	FEE OR PRICE? OR PAYMENT? OR PAY
S14	0	SLIDING(3N) WINDOW??
S15	0	AU=(SIRIVARA, S? OR MCVEIGH, J? OR REESE, R? OR SIRIVARA S? OR MCVEIGH J? OR REESE R?)
S16	0	(S3 OR S4) AND S5
S17	5	S5 AND S7:S10
S18	5	S17 NOT S11
S19	0	S12 AND S10
S20	8	S1 AND S12
S21	0	S20 AND (S3 OR S4)
S22	8	S20 NOT (S17 OR S11)

11/3,K/1

DIALOG(R)File 256:TecInfoSource

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01092983 DOCUMENT TYPE: Product

PRODUCT NAME: TradePrism.com (092983)

Vastera Inc (640247)

45025 Aviation Dr #300

Dulles, VA 20166-7554 United States

TELEPHONE: (703) 661-9006

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 020625

...and destination, tariffs, and other information. The TradeSphere Solutions module also offers users conversion and **reference features** . TradePrism.com's Global eContent component includes export controls, country trade information, and interactive maps...

...international trade links. Its Global eContent component collects information from government agencies, customs authorities, trade **associations** , and other sources. Currently, TradePrism.com tracks information in 38 European, Eastern European, and Asian...

DESCRIPTORS: **Content** Providers; Distribution Management; E-Commerce; Globalization; Government Regulations

?

18/3,K/1

DIALOG(R)File 256:TecInfoSource
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01165204 DOCUMENT TYPE: Product

PRODUCT NAME: Ad-Free (165204)

BioNet Systems LLC (612685)
14205 SE 36th St #100
Bellevue, WA 98006 United States
TELEPHONE: (425) 649-1100

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20030709

...advertisements and spyware. The program blocks advertisements within instant messengers and peer-to-peer (P2P) **file sharing** programs. The system **allows** users to create popup, cookie, and advertisement whitelists and blacklists. Ad-Free also provides users...

...advertisement blocking and cookie management features. The system is compatible with BioNet Systems' Net Nanny **content** control program. Ad-Free works with Microsoft (R) Internet Explorer (R) 5.01 or later...

18/3,K/2

DIALOG(R)File 256:TecInfoSource
(c)2004 Info.Sources Inc. All rts. reserv.

00133711 DOCUMENT TYPE: Review

PRODUCT NAMES: 3D Graphics (838195)

TITLE: Pioneering the Mixed-media Pipeline: The Current and Future State...

AUTHOR: Besner, Michel
SOURCE: Videography, v26 n7 p56(3) Jul 2001
ISSN: 0363-1001
HOMEPAGE: <http://www.videography.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20020630

The entertainment industry is seeing a trend towards media convergence, with new media **content** on the Internet, television, and in film. 3D **content** makes up a large portion of this new media, and plays a major role in its success. Much of 3D **content** creation is based on early models, in which linear editing was standard procedure. Digital **content** creators continue to operate within these parameters, despite increased demand, but a new mixed-media...

...be reevaluated. In order for 3D authoring tools to keep up with the requirements for **content**, the tools have to allow for the real-time

creation of that **content** . The tools must also combine 3D characters with audio and video, and they must also use a file format that protects against piracy. That format must also be robust and **allow** the **sharing** of 3D **files** among multiple applications.

18/3,K/3

DIALOG(R)File 256:TecInfoSource
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00129168 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Windows Media Rights Manager 7 (044237); IBM Electronic Media Management System (029149)

TITLE: Napster Has Ripple Effect

AUTHOR: Tillett, L Scott

SOURCE: InternetWeek, v854 p1(2) Mar 26, 2001

ISSN: 0746-8121

HOME PAGE: <http://www.internetwk.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20010730

...a discussion of activities under way by distributors of music, video, research reports, and other **content** . They are investigating new DRM tools in order Napster-like legal scenarios and complications. Windows Media Rights Manager tags **content** files before they are distributed and is used by Filmspeed, an Internet distributor of digital movies. The tags directly relate to business rules, and when a user downloads **content** and then tries to pass it to another user, the code queries the server to establish whether **file - sharing** is **allowed** . Business rules would establish how many downloads or sharing instances are permissible for a **content** item. The server also tracks the number of times a block of **content** has been downloaded or shared. Electronic Media Management System allows publishers to control who views and distributes **content** and also allows users to charge fees for usage. Packaging files for DRM is not...

18/3,K/4

DIALOG(R)File 256:TecInfoSource
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00127320 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Exchange 2000 Server (789194); Microsoft Exchange 2000 Enterprise Server (027026)

TITLE: Why2K? Microsoft Exchange 2000 Enterprise Server

AUTHOR: Schultz, Keith

SOURCE: InternetWeek, v839 p43(2) Nov 27, 2000

ISSN: 0746-8121

HOME PAGE: <http://www.internetwk.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

REVISION DATE: 20010228

...part and parcel of Exchange 2000 and provides a single administration point for all users, **permissions**, and **file shares** for the enterprise. Web Storage System (WSS) is another excellent new feature that provides a

...types of data, including Microsoft Office documents, team folders, and group calendars. WSS ships with **content** indexing and a search feature that eases location of stored information. The user can access...

18/3,K/5

DIALOG(R) File 256:TecInfoSource

(c)2004 Info.Sources Inc. All rts. reserv.

00122766 DOCUMENT TYPE: Review

PRODUCT NAMES: Papyrus (792501)

TITLE: File-Sharing Tool Leverages Print Command

AUTHOR: McKendrick, Joseph

SOURCE: ent, v5 n3 p27(1) Feb 23, 2000

ISSN: 1085-2395

HOME PAGE: <http://www.entmag.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20020422

Papyrus is **Sharing Technologies'** new **file** distribution tool that **allows** users to open application files from almost any system. It integrates with Notes/Domino 4...

...and, after it has been created, the information can be indexed and shared, and the **content** can be extracted and reused. Because the files are created with the Windows print command...

?

22/3,K/1

DIALOG(R) File 256:TecInfoSource
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01200816 DOCUMENT TYPE: Product

PRODUCT NAME: StorNext Management Suite (200816)

Advanced Digital Information Corp (ADIC) (484148)
11431 Willows Rd NE PO Box 97057
Redmond, WA 98073-9757 United States
TELEPHONE: (425) 881-8004

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20040524

...directly to SAN devices and can process large data volumes. StorNext Management Suite offers simultaneous **file sharing** features. It supports a variety of SAN clients and data types. The system provides network...

...disk space. StorNext Management Suite also includes partial file retrieval, file system journaling, file locking, **block** -level file **access**, and failover features. The system can reserve bandwidth for selected applications. It includes data consolidation...

22/3,K/2

DIALOG(R) File 256:TecInfoSource
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00150397 DOCUMENT TYPE: Review

PRODUCT NAMES: FirePass SSL VPN (191337)

TITLE: Clientless SSL for Remote Access: F5 appliance gives users a...

AUTHOR: Smith, Hugh Thomas, Scott Chan, Newman

SOURCE: Network Computing, v14 n25 p32(2) Dec 9, 2003

ISSN: 1046-4468

HOME PAGE: <http://www.NetworkComputing.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

REVISION DATE: 20040330

...server; and secure host connections, including telnet and Secure Shell, via Java terminal emulators. They **shared** directories via **file** system access, including NSF and Windows Workgroups. The FirePass was also used via a virtual...

DESCRIPTORS: Computer Security; Internet Security; Intranets; Network Administration; Network Software; Password **Protection**; Remote Network **Access**; System Monitoring; VPNs

22/3,K/3

DIALOG(R)File 256:TecInfoSource
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00145571 DOCUMENT TYPE: Review

PRODUCT NAMES: Net Nanny 5 (590975); iPrism (781657); Web Security (162973)

TITLE: Web Watchers:...latest filters can help

AUTHOR: Gonsalves, Antone

SOURCE: Technology & Learning, v23 n6 p7(3) Jan 2003

ISSN: 1053-6728

HOME PAGE: <http://www.techlearning.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030728

...students' surfing activities. Filtering allows administrators and teachers to limit access to specific site or **block access** to inappropriate sites listed in a database. The most effecting filtering tools are customizable to...
...while allowing them to locally manage use. SchoolMarshal checks Web pages, e-mails, attachments, and **downloads** to **block** items based on filtering rules set by the school of district. N2H2 provides a software...

...vendors. Net Nanny has 25 new or enhanced features and now also blocks instant messaging, **file sharing**, online games, and pop-up ads. The ScreenDoor appliance enables administrators to set rules for...

22/3,K/4

DIALOG(R)File 256:TecInfoSource
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00140025 DOCUMENT TYPE: Review

PRODUCT NAMES: OpenReach Anywhere SSL (114472); Aventail.NET SSL (083071)

TITLE: New, revised remote access services exploit SSL

AUTHOR: Greene, Tim

SOURCE: Network World, v19 n25 p12(1) Jun 24, 2002

ISSN: 0887-7661

HOME PAGE: <http://www.nwfusion.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20030825

...and password, and only such Web-enabled applications as Microsoft Outlook e-mail, along with **file - sharing**, are supported. OpenReach is a late entry to the SSL market and provides fewer functions...
...a firewall and antivirus software running Access policies operating. Access policies can be set to **deny access** if the applications are disabled.

22/3,K/5

DIALOG(R)File 256:TecInfoSource
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00137100 DOCUMENT TYPE: Review

PRODUCT NAMES: NAS (Network Attached Storage) (842818); SAN (Storage Area Networks) (841471)

TITLE: NAS Looking More Like SAN Every Day: The best of both systems?...

AUTHOR: Moore, Fred

SOURCE: Computer Technology Review, v22 n1 p1(2) Jan 2002

ISSN: 0287-9647

HOME PAGE: <http://www.westworldproductions.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20020630

...publicized since 1998, but the newest topics widely discussed are files, blocks, and IP storage, **file** and data **sharing**, and future directions for NAS and SAN. NAS comprises storage elements that link directly to...
...and offer access to one or more computer systems, overwhelmingly over Ethernet connections. SANs support **block access** more efficiently, while NAS is more efficient for file access. NAS is a more plug...

22/3,K/6

DIALOG(R)File 256:TecInfoSource
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00124164 DOCUMENT TYPE: Review

PRODUCT NAMES: Launch (007528); Napster (005231)

TITLE: Navigating around Napster

AUTHOR: Learmonth, Michael

SOURCE: Industry Standard, v3 n24 p77(1) Jun 26, 2000

ISSN: 1098-9196

HOME PAGE: <http://www.thestandard.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20040524

Bucknell University, Yale University, Northwestern University, Indiana, and many other universities have **blocked access** to Napster, but Michael Weaver, network administrator for Bucknell, realized that students' recreation might be...
...but the way they're getting it is detrimental to the way networks are designed.' **File sharing**, says Goldberg, has made every PC hard drive a server for 'everyone else in the...

22/3,K/7

DIALOG(R)File 256:TecInfoSource
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00117106 DOCUMENT TYPE: Review

PRODUCT NAMES: AFS 3.5 (263605)

TITLE: IBM's AFS 3.5: File Sharing on the grandest scale yet
AUTHOR: Yager, Tom
SOURCE: InfoWorld, v21 n22 p41(1) May 31, 1999
ISSN: 0199-6649
HOMEPAGE: <http://www.infoworld.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

REVISION DATE: 19990730

TITLE: IBM's AFS 3.5: File Sharing on the grandest scale yet

...File System (AFS) 3.5 from IBM subsidiary Transarc, the latest release of the enterprise **file sharing** product, gets very good marks overall, especially for its revolutionary global namespace hierarchy technology; automated...

...2.2.3 kernel. The enterprise file system provides unparalleled stability and scalability for multiplatform **file sharing** and continues to differentiate itself from other products by providing robust security and fault tolerance...

...heterogeneous mix of connected server platforms and clients will gain immediate advantages in ease of **access**, data **protection**, and fault tolerance. Windows users can browse the AFS tree via Explorer, and can choose...

22/3,K/8

DIALOG(R)File 256:TecInfoSource
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00114078 DOCUMENT TYPE: Review

PRODUCT NAMES: AppleShare IP 6 (653004)

TITLE: AppleShare IP6: Intranet Server Keeps Getting Better
AUTHOR: Davis, J W
SOURCE: Macworld, p40(1) Feb 1999
ISSN: 0741-8647
HOMEPAGE: <http://www.macworld.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

REVISION DATE: 20010730

...this a great value for any Apple-based server environment. Included now is Server Message **Block** (SMB) **file sharing**, **access** for Windows

clients over TCP/IP, and account lockouts from failed log-in attempts.
Compared...

...based W-API plug-ins. Though many more features abound, AppleShare IP
still lacks advanced **file - sharing** tools found in intranet-only
server-based products.

?

File 2:INSPEC 1969-2004/Oct W3
(c) 2004 Institution of Electrical Engineers
File 6:NTIS 1964-2004/Oct W2
(c) 2004 NTIS, Intl Cpyrght All Rights Res
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File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep
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(c) 2003 EBSCO Pub.
File 239:Mathsci 1940-2004/Dec
(c) 2004 American Mathematical Society
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(c) 1998 Inst for Sci Info
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File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2004/Oct 23
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Set	Items	Description
S1	4163	FILE?(3N) (SHARES OR SHARED OR SHARING)
S2	3370178	AUDIO OR MUSIC OR IMAGE? OR GRAPHIC? OR VIDEO OR MP3 OR MOVIE
S3	42670	S2(3N) (SECTION? OR CLIP???? OR SEGMENT? ? OR PARTS OR PIECE? ? OR PORTION? ? OR PARTITION? OR SECTION? ?)
S4	70264	S2(3N) (PART OR BLOCK? ? OR FRAGMENT? OR SAMPLE OR SAMPLES - OR SAMPLING OR FRAME? OR SUBPORTION? OR SIGNATURE? OR SUBREGION?)
S5	174	(AUTHOR? OR APPROV? OR ALLOW? OR PERMIT? OR PERMIS? OR VALIDAT? OR AUTHENTICAT? OR ACCEPT? OR CERTIF?) (3N)S1
S6	2704641	NETWORK? OR INTERNET OR SERVER?
S7	2261	REFERENCE(3N)FEATURE?
S8	1565217	CONTENT?
S9	38788	EDGE(3N)DETECT?
S10	91503	EXTRACT?(3N) (FEATURE? OR ID OR IDENTIFICATION OR IDENTIFIER?)
S11	43	(MATCH? OR CORRESPOND? OR CORRELAT? OR RELATED OR ASSOCIAT? OR COMPAR?) AND S7 AND S8
S12	24492	(HALT? OR PROTECT? OR BLOCK? OR REJECT? OR PREVENT? OR DENY? OR DENIES) (3N) (TRANSFER? OR ACCESS OR DOWNLOAD? OR DOWN()LOAD?)
S13	1308123	FEE OR PRICE? OR PAYMENT? OR PAY
S14	4144	SLIDING(3N)WINDOW??
S15	871	AU=(SIRIVARA, S? OR MCVEIGH, J? OR REESE, R? OR SIRIVARA S? OR MCVEIGH J? OR REESE R?)
S16	593	PEER(1N)PEER(3N)SHAR?
S17	50	(S1 OR S16) AND S12

S18	1	S17 AND S13
S19	0	S11 AND S12
S20	3	S17 AND (S3 OR S4)
S21	3	S20 NOT S18
S22	3	RD S21 (unique items)
S23	1	(S3 OR S4) AND S5
S24	0	S23 NOT (S18 OR S20)
S25	0	S15 AND (S1 OR S16)
S26	72	(S1 OR S16) AND INTEL
S27	1	S26 AND (S3 OR S4)
S28	1	S27 NOT (S18 OR S20)
S29	0	S11 AND S14
S30	103	(S3 OR S4) AND S14
S31	0	S30 AND S5
S32	0	S30 AND S12
S33	19	S30 AND S6
S34	17	S33 NOT (S8 OR S20 OR S27)
S35	13	RD S34 (unique items)
S36	0	S7 AND S8 AND S9 AND S10
S37	0	(S1 OR S16) AND S7 AND S8 AND S9
S38	0	(S1 OR S16) AND S7
S39	0	(S1 OR S16) AND S9
S40	32167	S2 AND S9
S41	0	S40 AND S11
S42	5846	S40 AND S10
S43	0	S42 AND S5
S44	0	S42 AND (S1 OR S16)
S45	0	S42 AND S12
S46	139	S5 AND (S6 OR S7 OR S8)
S47	0	S46 AND S9
S48	131	S46 NOT (S33 OR S8 OR S20 OR S27)
S49	32	S48 AND PY=2002:2004
S50	99	S48 NOT S49
S51	6	S50 AND S13

18/3,K/1 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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06168586 SUPPLIER NUMBER: 62263040
AOL for Dummies: Understanding What's At Stake in the Merger
Weber, Thomas E
Wall Street Journal, p B1
Oct 9, 2000
ISSN: 0099-9660 NEWSPAPER CODE: WSJ
; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: take your e-mail address with you, so AOL may be able to command higher **prices** than competitors for these services. After all, AOL had enough consumer clout to boost its dial-up **price** 10% to \$21.95 a month back in 1998, while most competitors are still at...

...when Justin Frankel, who works for AOL's Nullsoft unit, wrote and released the Gnutella **file - sharing** program. Traditionally, though, AOL and all of the other Web services have been loath to **block** members' **access** to specific sites or services.
?

22/3,K/1 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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07311418 SUPPLIER NUMBER: 351305761
**Thanks for Not Sharing --- As Workers Grab Web Freebies With
'Peer-to-Peer' Software, Employers Move to Prevent It**
Mathews, Anna Wilde
Wall Street Journal, p B.1
Jun 26, 2003
ISSN: 0099-9660 NEWSPAPER CODE: WSJ
DOCUMENT TYPE: Feature; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: peer" software such as Kazaa and Morpheus. They are prodded by growing use of these **file - sharing** applications, which allow people to grab free but largely illicit versions of their favorite songs...

...risks by spreading viruses -- not to mention opening up corporate hard drives to outsiders through **peer -to- peer sharing** . Employers, meanwhile, aren't relying on just warnings to keep workers from using such software. They are turning to companies that supply technology to detect and **block** peer-to-peer **access** -- among them Akonix Systems Inc. and Websense Inc., both based in San Diego; Packeteer Inc...
...last year that a few employees with peer-to-peer applications were "just downloading any **piece** of **music** they could find . . . eating up our storage space." To remedy that, he installed software that **blocks access** to peer-to-peer software, and he checks regularly for the presence of the applications.

22/3,K/2 (Item 2 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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07104812 SUPPLIER NUMBER: 260480391
Music industry fight to block Net access hits new lows
Anonymous
USA TODAY, p A.22
Dec 10, 2002
ISSN: 0734-7456 NEWSPAPER CODE: USA
DOCUMENT TYPE: Editorial; Newspaper article
LANGUAGE: English RECORD TYPE: ABSTRACT

Music industry fight to block Net access hits new lows

...ABSTRACT: Verizon Internet Services to turn over the name of a customer RIAA believes is illegally **sharing music files** . A victory would give the industry wide latitude to get the names and addresses of...

22/3,K/3 (Item 3 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
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07060275 SUPPLIER NUMBER: 234948621
Amid the loud disputes over music swapping, Internet CD merchants may be faring worst.
Tedeschi, Bob
New York Times, p 7

Nov 11, 2002

ISSN: 0362-4331

NEWSPAPER CODE: NYT

DOCUMENT TYPE: Commentary; Newspaper article

LANGUAGE: English

RECORD TYPE: ABSTRACT

...ABSTRACT: online CD retailers had fallen sharply in the first nine months of this year, as **file - sharing** services like KaZaA, Morpheus and others have added millions more users. For instance, Mr. [Jeff...

...last week that the company was offering tens of thousands of songs in its Free **Music Downloads section**, including recent releases by Madonna, the Hives and Diana Krall. Artists who record for major...

...they are released in stores. Notably, these digital streams, as they are called, are copyright- **protected** so users cannot **download** the songs to a CD.

?

28/3,K/1 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00528103 99PM03-015

**Videoconferencing gets real; ProShare Video System 500 -- Intel 's
ProShare offers quality conferencing on the quick**

Roberts-Witt, Sarah L

PC Computing , March 1, 1999 , v12 n3 p94, 1 Page(s)

ISSN: 0899-1847

**Videoconferencing gets real; ProShare Video System 500 -- Intel 's
ProShare offers quality conferencing on the quick**

Presents a favorable review of ProShare Video System 500 (\$799), a videoconferencing system from **Intel** (800). Reports that it runs over ISDN, or LAN connections via TCP/IP, or over...

... supports both H.320 and H.323 videoconferencing standards. Claims that setup is easy and **Intel** ProShare conferencing software, a PCI video capture card, a headset, video camera, and microphone are all included. Notes that the 30- **frames** -per-second (fps) **video** quality is impressive, but the sound was not crystal clear. Says the bundled applications include chat and whiteboarding software, NetMeeting for transferring **files** and **sharing** applications, and PhotoExchange for sending digital images. Cautions that hardware requirements include an **Intel** Pentium II processor, 32MB RAM for Windows 95 or 48MB for NT, with 64MB recommended...
?

35/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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8057854 INSPEC Abstract Number: B2004-09-6135C-267, C2004-09-5260D-203

Title: Improved rate allocation method based on sliding window for FGS video bit-stream

Author(s): Yan Liu; Guihua Er; Qionghai Dai

Author Affiliation: Dept.Autom., Tsinghua Univ., Beijing, China

Conference Title: 2004 IEEE International Conference on Acoustics, Speech, and Signal Processing Part vol.5 p.V-961-4 vol.5

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2004 Country of Publication: USA 5 vol. (cix+1045)

pp.

ISBN: 0 7803 8484 9 Material Identity Number: XX-2004-01323

U.S. Copyright Clearance Center Code: 0-7803-8484-9/04/\$20.00

Conference Title: 2004 IEEE International Conference on Acoustics, Speech, and Signal Processing

Conference Date: 17-21 May 2004 Conference Location: Montreal, Que., Canada

Language: English

Subfile: B C

Copyright 2004, IEE

Title: Improved rate allocation method based on sliding window for FGS video bit-stream

Abstract: This paper proposes an improved rate allocation method, based on a **sliding window**, for FGS (fine granular scalability) video bit-streams. It can allocate the rate for every **frame** in the FGS video bit-stream rapidly, to smooth video quality under dynamical channel conditions. The paper formulates the FGS rate allocation problem under time-varying channel conditions using a **sliding window** to record the available **network** bandwidth. Under the constrained bandwidth, the proposed method first allocates rates in advance and creates...

...the problem of constant quality constrained FGS rate allocation. Then by refreshing the reference and **sliding windows**, the rate allocation of other frames can be solved rapidly. Theoretical analysis and simulation results...

...Identifiers: **sliding window**; ...

...constrained available **network** bandwidth

35/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

7219499 INSPEC Abstract Number: B2002-04-6135E-159, C2002-04-1250M-099

Title: Face detection from cluttered images using a polynomial neural network

Author(s): Lin-Lin Huang; Shimizu, A.; Hagihara, Y.; Kobatake, H.

Author Affiliation: Graduate Sch. of Bio-Applications & Syst. Eng., Tokyo Univ. of Agri. & Tech, Japan

Conference Title: Proceedings 2001 International Conference on Image Processing (Cat. No.01CH37205) Part vol.2 p.669-72 vol.2

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2001 Country of Publication: USA 3 vol.(lxx+1133+1108+1110) pp.

ISBN: 0 7803 6725 1 Material Identity Number: XX-2001-02306

U.S. Copyright Clearance Center Code: 0-7803-6725-1/01/\$10.00
Conference Title: Proceedings 2001 International Conference on Image
Processing
Conference Sponsor: IEEE Signal Process. Soc
Conference Date: 7-10 Oct. 2001 Conference Location: Thessaloniki,
Greece

Language: English

Subfile: B C

Copyright 2002, IEE

Title: Face detection from cluttered images using a polynomial neural network

...Abstract: propose a new method for face detection from cluttered images. We use a polynomial neural **network** (PNN) for separation of face and non-face patterns while the complexity of the PNN...

... reduced by principal component analysis (PCA). In face detection, the PNN is used to classify **sliding windows** in multiple scales and label the windows that contain a face. The PNN is shown...

...in discriminating between face and non-face patterns when trained with a large number of **samples**. In experiments on **images** with simple or complex backgrounds, the proposed method has achieved high detection rate and low...

...Identifiers: polynomial neural **network** ; ...

... **sliding windows** ; ...

...neural **network** learning

35/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6871898 INSPEC Abstract Number: B2001-04-6135C-163, C2001-04-5260D-103

Title: Encoding stored video for streaming applications

Author(s): Pao, I.-M.; Ming-Ting Sun

Author Affiliation: Dept. of Electr. Eng., Washington Univ., Seattle, WA, USA

Journal: IEEE Transactions on Circuits and Systems for Video Technology
vol.11, no.2 p.199-209

Publisher: IEEE,

Publication Date: Feb. 2001 Country of Publication: USA

CODEN: ITCTEM ISSN: 1051-8215

SICI: 1051-8215(200102)11:2L:199:ESVS;1-W

Material Identity Number: 0647-2001-002

U.S. Copyright Clearance Center Code: 1051-8215/2001/\$10.00

Language: English

Subfile: B C

Copyright 2001, IEE

Abstract: In streaming video applications, video sequences are encoded off-line and stored in a **server**. Users may access the **server** over a constant bit rate channel. Examples of the streaming video applications are video-on-demand, archived video news, and noninteractive distance learning. Before the playback, **part** of the **video** bitstream is pre-loaded in the decoder buffer to ensure that every frame can be...

... For these streaming video applications, since the video is encoded off-line and the future **video frames** are available to the encoder, a

more sophisticated bit-allocation scheme can be used to...

... the physical buffer-size at the receiver (decoder) side. In this paper, we propose a **sliding - window** rate-control scheme that uses statistical information of the future **video frames** as a guidance to generate better video quality for video streaming involving constant bit rate...

...Identifiers: **server** ; ...

... **video frames** ; ...

... **sliding - window** rate-control

35/3,K/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6325047 INSPEC Abstract Number: B1999-09-6135C-202, C1999-09-5260D-101

Title: A rate-control scheme for streaming video encoding

Author(s): I-Ming Pao; Ming-Ting Sun

Author Affiliation: Dept. of Electr. Eng., Washington Univ., Seattle, WA, USA

Conference Title: Conference Record of Thirty-Second Asilomar Conference on Signals, Systems and Computers (Cat. No.98CH36284) Part vol.2 p. 1616-20 vol.2

Editor(s): Matthews, M.B.

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 1998 Country of Publication: USA 2 vol. xxv+1891 pp.

ISBN: 0 7803 5148 7 Material Identity Number: XX-1999-00441

U.S. Copyright Clearance Center Code: 0 7803 5148 7/98/\$10.00

~~Conference Title: Conference Record of Thirty-Second Asilomar Conference on Signals, Systems and Computers~~

Conference Date: 1-4 Nov. 1998 Conference Location: Pacific Grove, CA, USA

Language: English

Subfile: B C

Copyright 1999, IEE

...Abstract: video applications, video sequences are encoded off-line in advance and are stored in a **server** . For these applications, the video encoder does not have the constraint to encode the video...

... of the coded video still needs to be constrained since the end-to-end transport **network** often involves narrow-band constant bandwidth **networks** such as public switched telephone **network** (PSTN) or integrated service digital **network** (ISDN). For these nonreal-time video applications with channel bandwidth constraints, a **sliding window** rate-control scheme which utilizes statistics of future **video frames** can be used to achieve better video quality. We present a **sliding window** encoding scheme for streaming video applications and show the improvements over the encoding using the...

...Identifiers: **server** ; ...

...end-to-end transport **network** ; ...

...narrow-band constant bandwidth **networks** ; ...

...public switched telephone **network** ; ...

...integrated service digital **network** ; ...

... sliding window rate-control...

... video frame statistics...

... sliding window encoding

35/3,K/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

4446424 INSPEC Abstract Number: B9308-6140C-220, C9308-1260-161

Title: **Algorithm for interpolation with cubic splines using size 4 sliding window**

Author(s): Luceneide, M.; Revoredo, M.; Rocha Revoredo, L.; Marques de Carvalho, J.

Author Affiliation: Dept. de Engenharia Eletrica, Univ. Federal do Rio Grande do Norte, Brazil

Conference Title: Compugraphics 91. First International Conference on Computational Graphics and Visualization Techniques p.506-7 vol.2

Publisher: Tech. Univ. Lisbon, Lisbon, Portugal

Publication Date: 1991 Country of Publication: Portugal 2 vol. (viii+522+vi+527) pp.

Conference Sponsor: Comissao de Coordenacao da Regiao de Lisboa e Vale do Tejo; Dept. Engenharia Civil; Digital Equipment; et al

Conference Date: 16-20 Sept. 1991 Conference Location: Sesimbra, Portugal

Language: English

Subfile: B C

Title: **Algorithm for interpolation with cubic splines using size 4 sliding window**

Abstract: Cubic splines implemented by a polyphase **network** are applied to the interpolation of digitized images. The interpolator runs through the images to...

... and from left to right. Some of the columns to be interpolated are formed by **images** of original **samples**, while others are formed by the generated images during the interpolation of the rows.

...Identifiers: size 4 **sliding window** ;

35/3,K/6 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1837575 NTIS Accession Number: AD-A284 892/7

Video Transmission for Quantized Variable Bandwidth Networks

Yu, C. C.

Naval Research Lab., Washington, DC.

Corp. Source Codes: 000927000; 251950

Report No.: NRL/MR/8120--94-7610

8 Sep 94 19p

Languages: English

Journal Announcement: GRAI9501

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

Video Transmission for Quantized Variable Bandwidth Networks

...is discussed. An optimal scheme for transmission, based on the Viterbi algorithm, is described. A **sliding window** sub-optimal algorithm is introduced which significantly reduces algorithmic complexity while maintaining near-optimum performance...

Descriptors: Data transmission systems; * **Video frames** ; * **Video networks** ; Algorithms; Channels; Comparison; Constants; Variables; Optimization; Data compression; Data rate; Bandwidth

35/3,K/7 (Item 1 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

07041019 E.I. No: EIP04408381829

Title: Improved rate allocation method based on sliding window for FGS video bit-stream

Author: Liu, Yan; Er, Guihua; Dai, Qionghai

Corporate Source: Broadband Netwk./Digit. Media Lab. Dept. Automation Tsinghua University, 100084, Beijing, China

Conference Title: Proceedings - IEEE International Conference on Acoustics, Speech, and Signal Processing

Conference Location: Montreal, Que, Canada Conference Date: 20040517-20040521

E.I. Conference No.: 63500

Source: ICASSP, IEEE International Conference on Acoustics, Speech and Signal Processing - Proceedings Proceedings - IEEE International Conference on Acoustics, Speech, and Signal Processing v 5 2004.

Publication Year: 2004

CODEN: IPRODJ ISSN: 1520-6149

Language: English

Title: Improved rate allocation method based on sliding window for FGS video bit-stream

Abstract: This paper proposes an improved rate allocation method based on **sliding window** for FGS video bit-stream. It can allocate rate for every **frame** in FGS **video** bit-stream rapidly to smooth video quality under dynamical channel condition. The paper formulates FGS rate allocation problem under the time-varying channel condition using **sliding window** to record available **network** bandwidth, Under the constrained bandwidth, the proposed method first allocates rates in advance and creates...

...solving the problem of constant quality constrained FGS rate allocation. Then by refreshing reference and **sliding window**, rate allocation of other frames can be solved rapidly. Theoretical analysis and simulation results for...

Identifiers: Rate allocation; **Sliding window** ; Fine granular scalable (FGS); Video quality

35/3,K/8 (Item 2 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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07003339 E.I. No: EIP04368338505

Title: Run-time allocation of buffer resources for maximizing video clip quality in a wireless last-hop system

Author: Taylor, Clark N.; Dey, Sujit
Corporate Source: Electrical and Computer Engineering University of California, San Diego, CA, United States
Conference Title: 2004 IEEE International Conference on Communications
Conference Location: Paris, France Conference Date: 20040620-20040624
E.I. Conference No.: 63438
Source: IEEE International Conference on Communications 2004 IEEE International Conference on Communications v 5 2004.
Publication Year: 2004
ISSN: 0536-1486
Language: English

Title: Run-time allocation of buffer resources for maximizing video clip quality in a wireless last-hop system

...Abstract: of digital video over wireless channels faces many problems common to both wired and wireless **networks** such as bandwidth and buffer restrictions and low energy constraints, together with problems unique to

...rapidly varying channel noise. In this paper, we focus on enabling the wireless communication of **video clips** despite the noisy and dynamic nature of wireless channels. Many efforts have been made m...

...not considered the effects of buffering on the received video quality. Traditional buffering (where a " **sliding window** " of the next few frames is kept in the buffer at all times), while useful...

...of traditional buffering, we introduced Out-of-order Buffering (ORBit), a method for selecting important **frames** from throughout a **video clip** and buffering them before playback begins. ORBit can lead to significant gains in video quality despite variations in the wireless channel during the communication of a **video clip**, but requires the judicious selection of ORBit frames, with their corresponding quantization and channel coding...

Descriptors: Wireless telecommunication systems; Video signal processing; Frequency allocation; Image coding; Telecommunication **networks**; **Internet**; Wave transmission; Computer simulation

35/3,K/9 (Item 3 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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05960628 E.I. No: EIP01526773416

Title: Face detection from cluttered images using a polynomial neural network

Author: Huang, L.-L.; Shimizu, A.; Hagihara, Y.; Kobatake, H.

Corporate Source: Grad. Sch. Bio-Appl. and Syst. Eng. Tokyo Univ. of Agri. and Tech., Koganei-shi, Tokyo 184-8588, Japan

Conference Title: IEEE International Conference on Image Processing (ICIP)

Conference Location: Thessaloniki, Greece Conference Date: 20011007-20011010

E.I. Conference No.: 58801

Source: IEEE International Conference on Image Processing v 2 2001. p 669-672 (IEEE cat n 01CH37205)

Publication Year: 2001

CODEN: 85QTAW

Language: English

Title: Face detection from cluttered images using a polynomial neural

network

...Abstract: propose a new method for face detection from cluttered images. We use a polynomial neural **network** (PNN) for separation of face and non-face patterns while the complexity of the PNN...

...reduced by principal component analysis (PCA). In face detection, the PNN is used to classify **sliding windows** in multiple scales and label the windows that contain a face. The PNN is shown...

...powerful to discriminate between face and non-face patterns when trained with large number of **samples**. In experiments on **images** with simple or complex backgrounds, the proposed method has achieved high detection rate and low...

Descriptors: Face recognition; Neural **networks**; Polynomials; Principal component analysis; Feature extraction; Eigenvalues and eigenfunctions; Learning systems

Identifiers: Face detection; Polynomial neural **network**; Eigenface method

35/3,K/10 (Item 4 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

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05262321 E.I. No: EIP99034624996

Title: **Rate-control scheme for streaming video encoding**

Author: Pao, I-Ming; Sun, Ming-Ting

Corporate Source: Univ of Washington, Seattle, WA, USA

Conference Title: Proceedings of the 1998 32nd Asilomar Conference on Signals, Systems & Computers. Part 2 (of 2)

Conference Location: Pacific Grove, CA, USA Conference Date: 19981101-19981104

E.I. Conference No.: 50070

Source: Conference Record of the Asilomar Conference on Signals, Systems & Computers v 2 1998. IEEE Comp Soc, Los Alamitos, CA, USA, 98CB36284. p 1616-1620

Publication Year: 1998

CODEN: CCSCE2 ISSN: 1058-6393

Language: English

...Abstract: video applications, video sequences are encoded off-line in advance and are stored in a **server**. For these applications, the video encoder does not have the constraint to encode the video...

...of the coded video still needs to be constrained since the end-to-end transport **network** often involves narrow-band constant bandwidth **networks** such as Public Switched Telephone **Network** (PSTN) or Integrated Service Digital **Network** (ISDN). For these non real-time video applications with channel bandwidth constraints, a **sliding window** rate-control scheme which utilizes statistics of future **video frames** can be used to achieve better video quality. In this paper, we present a **sliding window** encoding scheme for streaming video applications and show the improvements over the encoding using the...

Descriptors: Image coding; Client **server** computer systems; Image communication systems; Communication channels (information theory); Bandwidth; Image analysis; Image quality; Statistics...

Identifiers: **Sliding window** encoding

35/3,K/11 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2004 Inst for Sci Info. All rts. reserv.

03886710 Genuine Article#: QP140 No. References: 25

Title: INFORMATION LOSS RECOVERY FOR BLOCK -BASED IMAGE -CODING
TECHNIQUES - A FUZZY-LOGIC APPROACH

Author(s): LEE XB; ZHANG YQ; LEONGARCIA A

Corporate Source: UNIV TORONTO, DEPT ELECT ENGN, VIDEO BISN

LAB/TORONTO/ON/CANADA/; DAVID SARNOFF RES CTR/PRINCETON//NJ/00000
Journal: IEEE TRANSACTIONS ON IMAGE PROCESSING, 1995, V4, N3 (MAR), P
259-273

ISSN: 1057-7149

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Title: INFORMATION LOSS RECOVERY FOR BLOCK -BASED IMAGE -CODING
TECHNIQUES - A FUZZY-LOGIC APPROACH

Abstract: A new technique to recover the information loss in a **block**
-based **image** coding system is developed in this paper, The proposed
scheme is based on fuzzy logic...

...lost blocks that contain high-frequency information such as complex
textures and fine features

3) **sliding window** iteration (SWI), which is performed in both
spatial and spectral domains to efficiently integrate the...

...recovering both isolated and contiguous block losses, provides a new
approach for error concealment of **block**-based **image** coding systems
such as the JPEG coding standard and vector quantization-based coding
algorithms, The principle of the proposed scheme can also be applied to
block-based **video** compression schemes such as the H.261, MPEG, and
HDTV standards, Simulation results are presented...

Research Fronts: 93-7249 003 (VIDEO SYSTEMS; PARALLEL ARCHITECTURES;
MULTIMEDIA **NETWORK** DISTRIBUTION CENTER)

93-0689 001 (FUZZY EXPERT-SYSTEMS; AGGREGATION OPERATIONS OF LINGUISTIC
LABELS; VERBAL PROBABILITY...

35/3,K/12 (Item 2 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2004 Inst for Sci Info. All rts. reserv.

01612081 Genuine Article#: HL590 No. References: 24

Title: AN ADAPTIVE CLUSTERING-ALGORITHM FOR IMAGE SEGMENTATION

Author(s): PAPPAS TN

Corporate Source: AT&T BELL LABS, DEPT SIGNAL PROC RES/MURRAY HILL//NJ/07974

Journal: IEEE TRANSACTIONS ON SIGNAL PROCESSING, 1992, V40, N4 (APR), P
901-914

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: model. Local intensity variations are accounted for in an
iterative procedure involving averaging over a **sliding window** whose
size decreases as the algorithm progresses. Results with an
eight-neighbor Gibbs random field...

...Research Fronts: SEGMENTATION; TEXTURE CLASSIFICATION USING TEXTURE
SPECTRUM; SPATIAL GRAY LEVEL DEPENDENCE METHOD ALGORITHM)

90-2518 002 (**IMAGE** SEGMENTATION; GIBBS **SAMPLING** IN BAYESIAN
NETWORKS ; SIMULATED ANNEALING; EARLY VISION; EDGE-DETECTION USING
ANISOTROPIC DIFFUSION)

35/3,K/13 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online
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01496734 ORDER NO: NOT AVAILABLE FROM UNIVERSITY MICROFILMS INT'L.

MODELLING AND TRAFFIC MANAGEMENT OF VIDEO SERVICES IN AN ATM NETWORK

Author: DAGIUKLAS, ANASTASIOS

Degree: PH.D.

Year: 1995

Corporate Source/Institution: UNIVERSITY OF ESSEX (UNITED KINGDOM) (0873
)

Source: VOLUME 57/03-C OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 1002.

MODELLING AND TRAFFIC MANAGEMENT OF VIDEO SERVICES IN AN ATM NETWORK

Integration of video services in an ATM **network** necessitates the traffic characterisation of these services in order to assess their QOS and predict the **network** performance under congestion periods. One of the objectives of this thesis is the development of a **framework** for **video** modelling. A single layer video channel is modelled with an M state Markov chain, where...

...coder limits its generated bit rate through a leaky bucket mechanism. The codec uses a **sliding window** for its maximum **network** utilisation. For sequences with scene cuts, there is an optimum peak bit rate for a given mean bit rate and peak-to-mean ratio where both **network** performance and perceived image quality are optimised.

Finally flow control methods are addressed in order...

...and uses the queue occupancy of an ATM switch to indicate the state of the **network**. Once the queue occupancy exceeds a threshold, a signal is sent back to the users...

...bit rates. For a threshold value of approximately 50% of the maximum buffer length both **network** performance and perceived image quality are optimised. The second method is preventive oriented where each...

...that control of the bit rate at almost 80% of the estimated channel capacity, both **network** performance and perceived image quality are optimised.

?

51/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02182037 INSPEC Abstract Number: D84000415

Title: Networking for the smaller business

Journal: Business Equipment Digest vol.23, no.12 p.54

Publication Date: Dec. 1983 Country of Publication: UK

CODEN: BEQDAS ISSN: 0007-6708

Language: English

Subfile: D

Title: Networking for the smaller business

Abstract: Local area **networks** (LANs) have always been an attractive proposition but the entry cost into **networking** has often been a deterrent for small businesses. Providing an answer for small business, LINC (Local Interactive Communications), Vector Graphic's **network** is aimed at organisations of 200 people or less and eliminates the high initial investment...

... of single-user microcomputers using inexpensive telephone wire and is a high speed token passing **network** using a distributed control technique. LINC **permits** the **sharing** of large disk **files**, high speed printers, communication facilities and electronic mail service by any Vector 4 attached to the **network**. Each workstation can support an individual printer and retains full capability as a stand-alone word or data processor for non-**network** functions while connected to the **network**. The LINC Upgrade Kit can be purchased as an option for either the Vector 4/20 or 4/30 at a suggested retail **price** of Pounds 550 including the basic LINC **network** software.

Descriptors: computer **networks**

...Identifiers: Vector Graphic's **network** ; ...

...token passing **network** ;

51/3,K/2 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00610383 00PW09-012

Make your PC hacker-proof -- Our test of 6 personal firewalls finds the best ones for keeping uninvited guests out of your office or home system

Sengstack, Jeff; Kirschling, Elliott; Gibson, Steve

PC World, September 1, 2000, v18 n9 p169-178, 6 Page(s)

ISSN: 0737-8939

Company Name: **Network** ICE; Zone Labs

URL: <http://www.networkice.com> <http://www.zonelabs.com>

Product Name: **Network** ICE BlackICE Defender 1.9; Zone Labs ZoneAlarm 2.1

Company Name: **Network** ICE; Zone Labs
Product Name: **Network** ICE BlackICE Defender 1.9; Zone Labs ZoneAlarm 2.1

... office home office (SOHO) market. Displays a table comparing six products from six providers on **price**, security settings, automatic blocking of **file sharing**, request of **permission** for **Internet** applications, detection of TSAdBot, blockage of Back Orifice, putting open ports into stealth mode, detection...

... reviewed are: Aladdin Knowledge Systems ESafe Desktop 2.2 (\$0); McAfee.com Personal Firewall (\$40); **Network** ICE BlackICE Defender 1.9 (\$40); Sybergen **Networks** Secure Desktop 2.3 (\$30); Symantec Norton Personal Firewall 2000 version 2 (\$50); Zone Labs ZoneAlarm 2.1 (\$0). Explains that **Network** ICE BlackICE Defender 1.9 and Zone Labs ZoneAlarm 2.1 received the ``Best Buy...

Identifiers: **Network** ICE BlackICE Defender 1.9; Zone Labs ZoneAlarm 2.1; **Network** ICE; Zone Labs

51/3,K/3 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00540016 99PM07-003

There's a network in your walls -- Home networking kits make it easy (sometimes) to hook your PCs together

Lindquist, Christopher

PC Computing , July 1, 1999 , v12 n7 p94-95, 2 Page(s)

ISSN: 0899-1847

Company Name: Proxim; WebGear; Diamond Multimedia Systems; Intel Corp.; Intelogis

Product Name: Proxim Symphony; WebGear Aviator2.4; Diamond HomeFree Phoneline Desktop Pac; Intel AnyPoint Home **Network** ; Intelogis PassPort Plug-In **Network**

There's a network in your walls -- Home networking kits make it easy (sometimes) to hook your PCs together

Product Name: Proxim Symphony; WebGear Aviator2.4; Diamond HomeFree Phoneline Desktop Pac; Intel AnyPoint Home **Network** ; Intelogis PassPort Plug-In **Network**

Presents a buyers' guide to home **networking** kits. Reviews five kits, explaining that they **allow sharing** of **files** , printers, and **Internet** connection. Very favorably reviews the Proxim Symphony (\$199 PC Card; \$149 PCI), from Proxim, which...

... it is the best way to connect all one's PCs ``wirelessly,'' although it is **pricey** . Provides a favorable review of the other three products, rating them four out of five: Diamond HomeFree Phoneline Desktop Pac (\$100) from Diamond Multimedia Systems; Intel AnyPoint Home **Network** (\$189) from Intel; and WebGear Aviator2.4 (\$99 PC Card) from WebGear. Intelogis PassPort Plug-In **Network** (\$200) from Intelogis received a mixed review and was given a rating of three, the lowest of the five reviewed. Mentions that power-line **networking** systems are the simplest to use among the three major kinds of kits. Includes five...

Descriptors: Home Office; Home Computer; Connectivity; **Network** Management; **Internet** ; Wireless Communication; **Networks**

Identifiers: Proxim Symphony; WebGear Aviator2.4; Diamond HomeFree Phoneline Desktop Pac; Intel AnyPoint Home **Network** ; Intelogis PassPort Plug-In **Network** ; Proxim; WebGear; Diamond Multimedia Systems; Intel Corp.; Intelogis

51/3,K/4 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00345386 94PI04-279

Desk to Desk, version 2.0

Rigney, Steve

PC Magazine , April 26, 1994 , v13 n8 p248, 250, 2 Page(s)

ISSN: 0888-8507
Company Name: CBIS
Product Name: Desk to Desk

...to Desk version 2.0 (\$129 for up to 255 users), a peer-to-peer **network** operating system from CBIS Inc., Norcross, GA (800, 404). The system requires 50K RAM on the **server** and peer, 23K RAM on the client, 2MB hard disk space, and DOS 3.1 or later. The program **allows sharing files**, printers, and CD-ROM drives, but it does not provide e-mail or scheduling. It...

... security including protection of individual resources like a subdirectory. It does not support user-defined **network** groups. It is not quite as good as some others reviewed, but its **price** is very reasonable. Includes one screen display. (djd)

Descriptors: **Network** Operating Systems; Software Review

51/3,K/5 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

03110323

COMNET INFORMATION **NETWORK** FOR SCHOOLS

FRANCE - COMNET INFORMATION **NETWORK** FOR SCHOOLS
Electroniques Actualites (EA) 1 December 1989 p2
Language: French

COMNET INFORMATION **NETWORK** FOR SCHOOLS

FRANCE - COMNET INFORMATION **NETWORK** FOR SCHOOLS

Commodore France and Disse, part of Nolta group, have developed a Comnet information **network** for schools, comprising 6 Commodore PC10 III base stations and AT-compatible Commodore PC 30 III **server**, **price** FF80k. The **network** **allows file sharing**, work monitoring and message transmission.

PRODUCT: Local Area **Network** Equip

51/3,K/6 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily
(c) 2004 ProQuest Info&Learning. All rts. reserv.

06209303 SUPPLIER NUMBER: 63127573

Shady Character Goes Legit

Anonymous

Los Angeles Times, p B.10

Nov 2, 2000

ISSN: 0458-3035 NEWSPAPER CODE: ANGE

DOCUMENT TYPE: Editorial; Newspaper article

LANGUAGE: English RECORD TYPE: ABSTRACT

...ABSTRACT: of business. The German publishing and music giant obviously sees potential in Napster's ingenious **file - sharing** technology, which **allows** millions of users to swap musical collections on each other's computer hard drives. In exchange for a stake in the San Mateo-based Napster, Bertelsmann will **pay** \$50 million and make its huge music catalog available for Napster's use.

File 348:EUROPEAN PATENTS 1978-2004/Oct W03

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20041021,UT=20041014

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	2247	FILE?(3N) (SHARES OR SHARED OR SHARING)
S2	582766	AUDIO OR MUSIC OR IMAGE? OR GRAPHIC? OR VIDEO OR MP3 OR MOVIE?
S3	61462	S2(3N) (SECTION? OR CLIP???? OR SEGMENT? ? OR PARTS OR PIECE? ? OR PORTION? ? OR PARTITION? OR SECTION? ?)
S4	64147	S2(3N) (PART OR BLOCK? ? OR FRAGMENT? OR SAMPLE OR SAMPLES - OR SAMPLING OR FRAME? OR SUBPORTION? OR SIGNATURE? OR SUBREGION?)
S5	206	(AUTHOR? OR APPROV? OR ALLOW? OR PERMIT? OR PERMIS? OR VALIDAT? OR AUTHENTICAT? OR ACCEPT? OR CERTIF?) (3N)S1
S6	253115	NETWORK? OR INTERNET OR SERVER?
S7	12064	REFERENCE(3N)FEATURE?
S8	450100	CONTENT?
S9	9220	EDGE(3N)DETECT?
S10	7612	EXTRACT?(3N) (FEATURE? OR ID OR IDENTIFICATION OR IDENTIFIER?)
S11	7	(MATCH? OR CORRESPOND? OR CORRELAT? OR RELATED OR ASSOCIAT? OR COMPAR?) (5N)S7(5N)S8
S12	37505	(HALT? OR PROTECT? OR BLOCK? OR REJECT? OR PREVENT? OR DENY? OR DENIES) (3N) (TRANSFER? OR ACCESS OR DOWNLOAD? OR DOWN()LOAD?)
S13	79483	FEE OR PRICE? OR PAYMENT? OR PAY
S14	2980	SLIDING(3N)WINDOW??
S15	47	AU=(SIRIVARA, S? OR MCVEIGH, J? OR REESE, R? OR SIRIVARA S? OR MCVEIGH J? OR REESE R?)
S16	145	PEER(1N)PEER(3N)SHAR?
S17	24713	IC=G06K?
S18	0	(S3 OR S4) (10N)S5
S19	0	(S3 OR S4) (5N)S7(5N)S8(5N)S9
S20	307	(S3 OR S4) (10N)S9
S21	4	S20(S)S7
S22	2	S21 AND S17
S23	0	S5(10N)S12
S24	7	S11 NOT S22
S25	4	S24 NOT (AGENT OR POLYNUCLE? OR PILL)
S26	0	S15 AND (S1 OR S16)
S27	0	S15 AND (S3 OR S4)
S28	14	S15 AND IMAGE?
S29	0	S28 AND S17
S30	2	S28 AND CONTENT
S31	2	S30 NOT (S22 OR S25)
S32	1	S31 NOT COFFEE
S33	11	S5 AND (S9 OR S10)
S34	0	S33(S)S7
S35	3	S33(S)S12
S36	3	S35 NOT (S30 OR S22 OR S25)

25/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01355270

Content managing system and content managing method
System und Verfahren zum Verwalten von Inhaltsdaten
Systeme et methode de gestion de contenus

PATENT ASSIGNEE:

SONY CORPORATION, (214022), 7-35, Kitashinagawa 6-chome Shinagawa-ku,
Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

Munenaka, Mika, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,
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LEGAL REPRESENTATIVE:

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Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1156425 A2 011121 (Basic)

APPLICATION (CC, No, Date): EP 2001111472 010510;

PRIORITY (CC, No, Date): JP 2000141759 000515

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30; H04N-001/21

ABSTRACT WORD COUNT: 146

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200147	591
SPEC A	(English)	200147	8028
Total word count - document A			8619
Total word count - document B			0
Total word count - documents A + B			8619

...CLAIMS content managing system as set forth in claim 1,

wherein the attribute is decided by **comparing** features of a
plurality of **reference contents** with a **feature** of a content
that is stored and selecting a feature of a reference content that...

...content managing method as set forth in claim 7,

wherein the attribute is decided by **comparing** features of a
plurality of **reference contents** with a **feature** of a content
that is stored and selecting a feature of a reference content that...

25/3,K/2 (Item 2 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00938704

**AUTOMATIC SPEECH RECOGNITION PROCESS
VERFAHREN ZUR AUTOMATISCHEN SPRACHERKENNUNG
PROCEDE DE RECONNAISSANCE VOCALE AUTOMATIQUE**

PATENT ASSIGNEE:

Tenovis GmbH & Co. KG, (2997741), Kleyerstrasse 94, 60362 Frankfurt am Main, (DE), (Proprietor designated states: all)

INVENTOR:

EULER, Stephan, Finkenweg 4, D-63500 Seligenstadt, (DE)

LEGAL REPRESENTATIVE:

Patentanwaltskanzlei WILHELM & BECK (101701), Nymphenburger Strasse 139, 80636 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1012829 A1 000628 (Basic)
EP 1012829 B1 020529
WO 9811535 980319

APPLICATION (CC, No, Date): EP 97939955 970816; WO 97DE1762 970816

PRIORITY (CC, No, Date): DE 19637352 960913

DESIGNATED STATES: AT; BE; DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G10L-015/06

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200222	365
CLAIMS B	(German)	200222	304
CLAIMS B	(French)	200222	423
SPEC B	(German)	200222	1208
Total word count - document A			0
Total word count - document B			2300
Total word count - documents A + B			2300

...CLAIMS from a plurality of reference statements (rla, rlb...) or partial statements with a unitary information **content** (1) are **associated** sequences (rmvla, rmvlb,...) of **reference feature** vectors whose components respectively comprise a set of feature values,
- formed from a respective sequence...

25/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00287716

Pattern matching system.

System zum Vergleichen von Mustern.

Système pour la comparaison de formes.

PATENT ASSIGNEE:

NEC CORPORATION, (236690), 7-1, Shiba 5-chome Minato-ku, Tokyo 108-01, (JP), (applicant designated states: DE;FR;GB;NL)

INVENTOR:

Sakoe, Hiroaki c/o NEC Corporation, 33-1, Shiba 5-chome, Minato-ku Tokyo, (JP)

LEGAL REPRESENTATIVE:

Vossius & Partner (100311), Siebertstrasse 4 P.O. Box 86 07 67, W-8000 Munchen 86, (DE)

PATENT (CC, No, Kind, Date): EP 283902 A1 880928 (Basic)
EP 283902 B1 930630

APPLICATION (CC, No, Date): EP 88104087 880315;

PRIORITY (CC, No, Date): JP 8761734 870316; JP 8761736 870316

DESIGNATED STATES: DE; FR; GB; NL
INTERNATIONAL PATENT CLASS: G10L-005/06;
ABSTRACT WORD COUNT: 125
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	790
CLAIMS B	(German)	EPBBF1	753
CLAIMS B	(French)	EPBBF1	930
SPEC B	(English)	EPBBF1	4151
Total word count - document A			0
Total word count - document B			6624
Total word count - documents A + B			6624

...SPECIFICATION time point i is shown in FIG. 8. In response to the input of a **feature** vector (see image **reference** in original document). all the **contents** D(k) of the D table (memory) 150 are reset with . Then, the following processes...

25/3,K/4 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00299824 **Image available**

APPARATUS FOR THE AUTOMATED PROCESSING OF BULK MAIL HAVING VARIED CHARACTERISTICS

DISPOSITIF DESTINE AU TRAITEMENT AUTOMATIQUE DE COURRIER EN VRAC COMPRENANT DES ENVELOPPES ET DES DOCUMENTS DE DIFFERENTES CARACTERISTIQUES

Patent Applicant/Assignee:

OPEX CORPORATION,

Inventor(s):

STEVENS Albert F,
DeWITT Robert R,
YORK Michael E,
KELLER David,
LILE William R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9517975 A1 19950706

Application: WO 94US14907 19941223 (PCT/WO US9414907)

Priority Application: US 93175719 19931229

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA DE GB AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 21770

Fulltext Availability:

Claims

Claim

... features of the envelopes.

22 The apparatus of claim 8 which further includes means for **comparing** the detected characteristic **features** with stored **reference** standards, and means for identifying the envelopes and the **contents** responsive to **compared** detected characteristic **features** and **reference** standards.

32/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01077275 **Image available**

**TRANSCODING MEDIA CONTENT FROM A PERSONAL VIDEO RECORDER FOR A PORTABLE
DEVICE**

**TRANSCODAGE DE CONTENU MULTIMEDIA A PARTIR D'UN MAGNETOSCOPE NUMERIQUE POUR
UN DISPOSITIF PORTABLE**

Patent Applicant/Assignee:

INTEL CORPORATION (a Delaware Corporation), 2200 Mission College
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Patent and Priority Information (Country, Number, Date):

Patent: WO 2003107672 A1 20031224 (WO 03107672)

Application: WO 2003US18409 20030610 (PCT/WO US0318409)

Priority Application: US 2002172397 20020614

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7125

**TRANSCODING MEDIA CONTENT FROM A PERSONAL VIDEO RECORDER FOR A PORTABLE
DEVICE**

Inventor(s):

... MCVEIGH Jeffrey ...

... SIRIVARA Sudheer

Fulltext Availability:

Detailed Description

Claims

English Abstract

A media signal (124) is controlled using a portable media **content**
device (150). The media signal is received and encoded into an encoded
media signal (156) for a portable media **content** device. The encoded
media signal is stored (158) for playback on the portable media **content**
device.

Detailed Description

TRANSCODING MEDIA **CONTENT** FROM A PERSONAL
VIDEO RECORDER FOR A PORTABLE DEVICE
BACKGROUND

1. Field

[0001] Embodiments of the invention relate generally to the field of transcoding media **content** and more specifically to the field of transcoding media **content** for a portable/removable media **content** device using metadata to control the media signal.

0 2, Background

[0002] Media **content**, such as a live television broadcast that is normally captured and recorded on a personal video recorder (PVR) is not suited for use on a handheld portable media **content** device. PVRs such as TIVO™ or Replay TV
/,™ are designed to record audio/video...

...high resolution on full 5 size television monitors. The nature of the handheld portable media **content** device requires the device to have a smaller viewing screen, and often a much lower...

...MPEG2 format at 2-4Mbps. At this bit rate, only 5-10 minutes of **content** could be stored on a portable media **content** device with 128 MB of storage. The amount of storage space on a portable device...

36/3,K/1 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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01129704

DEAD NOZZLE COMPENSATION

COMPENSATION D'UNE BUSE HORS ETAT DE FONCTIONNEMENT

Patent Applicant/Assignee:

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(Designated only for: US)

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only for: US)

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(Designated only for: US)

LAPSTUN Paul, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain,
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only for: US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200450369 A1 20040617 (WO 0450369)

Application: WO 2003AU1616 20031202 (PCT/WO AU03001616)

Priority Application: AU 2002953134 20021202; AU 2002953135 20021202

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU
SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 387411

Fulltext Availability:

Claims

Claim

... Component Interface

(PCVI) on the HC core will provide the HC with DMA read/write **access** to
an address space in eDRAM. The HCD running on LEON will have read/write
access to the same address space, Refer to the OHCI Specification for

details of the HCCA...

...a SoPEC printer is not an issue. The primary application of this connectivity is the **download** of a print image from a digital camera. Printing speed is not important for this...wide bit stuffing counter. The lower bits are always loaded with 01 11, to **prevent** bit stuffing for less than 7 consecutive ones or zeroes. E.g.
b000 : stuff-count...

...and do not necessarily represent hierarchy in the design.
1 0 12 6 1 SIE **Edge Detection** and Data 1/0
The basic structure of the data 1/0 and **edge detection** mechanism is detailed in Figure 41. NOTE: Serial data from the receiver in the pad...a running average period (FreqAnaAverage). The running average is updated each time a new positive **edge** is **detected** and is calculated by $\text{FreqAnaAverage} = (\text{FreqAnaAverage} / 8) * 7 + \text{FreqAnaLastPefidd} / 8$. The analyser can be used...

...input pin regardless value of mode. Read Only register.
0xOC4 CpuDeGlitchUs 10 0X000 User Mode **Access** Mask to erModeMask CpuIOInDeglitch control register. When 1 user **access** is enabled, otherwise bit reads as zero. 0xOC8 CpuIOInDeglitch 10 0X000 Deglitched version of selected...

...FreqAnaCountI 20 0x0000 0 Frequency Analyser counter increment
nc amount. For each clock cycle no **edge** is **detected** on the selected input pin the accumulator is incremented by this amount.
0x'148 FreqAnaCount...

...ntPinSelect used for the USB over current detect.
13 2.1 Supervisor and user mode **access**
The configuration registers **block** examines the CPU **access** type (cptL-acode signal) and determines if the access is allowed to that particular register...

36/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00777021

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED USER FRAMEWORK DESIGN FOR MAINTAINING USER PREFERENCES, ROLES AND DETAILS SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UTILISES EN COMMERCE ELECTRONIQUE POUR LA CONCEPTION DE STRUCTURES D'UTILISATEURS DESTINEES A PRESERVER LES PREFERENCES, ROLES ET DETAILS DES UTILISATEURS

Patent Applicant/Assignee:

ACCENTURE LLP, Parkstraat 83, NL-2514 JG 's Gravenhage, The Hague, NL, NL (Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109792 A2-A3 20010208 (WO 0109792)

Application: WO 2000US20549 20000728 (PCT/WO US0020549)

Priority Application: US 99364091 19990730

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 122232

Fulltext Availability:

Detailed Description

Detailed Description

... the database, constructs the preference object and
constructs user's role object.

Returns the user `id` .

Returns the user's NT account name.

Returns the user's real name.

Returns user...authorization through the ReTA Session framework.

Encryption

Description

Encryption services encrypt data prior to network **transfer** to **prevent**
unauthorized interception.

Encryption has two main components: the encryption algorithm, which is
the series of...

36/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761432

**METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES
AND CUSTOMER PROFILE**

**PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE
CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS**

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Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,

Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073958 A2 20001207 (WO 0073958)

Application: WO 2000US14459 20000524 (PCT/WO US0014459)

Priority Application: US 99320818 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

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(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 151011

?

File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Jun(Updated 041004)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200466
(c) 2004 Thomson Derwent

Set	Items	Description
S1	1198	FILE?(3N) (SHARES OR SHARED OR SHARING)
S2	1700663	AUDIO OR MUSIC OR IMAGE? OR GRAPHIC? OR VIDEO OR MP3 OR MOVIE
S3	65134	S2(3N) (SECTION? OR CLIP???? OR SEGMENT? ? OR PARTS OR PIECE? ? OR PORTION? ? OR PARTITION? OR SECTION? ?)
S4	142299	S2(3N) (PART OR BLOCK? ? OR FRAGMENT? OR SAMPLE OR SAMPLES - OR SAMPLING OR FRAME? OR SUBPORTION? OR SIGNATURE? OR SUBREGION?)
S5	35	(AUTHOR? OR APPROV? OR ALLOW? OR PERMIT? OR PERMIS? OR VALIDAT? OR AUTHENTICAT? OR ACCEPT? OR CERTIF?) (3N) S1
S6	492056	NETWORK? OR INTERNET OR SERVER?
S7	932	REFERENCE(3N) FEATURE?
S8	720760	CONTENT?
S9	13412	EDGE(3N) DETECT?
S10	10569	EXTRACT?(3N) (FEATURE? OR ID OR IDENTIFICATION OR IDENTIFIER?)
S11	24	(MATCH? OR CORRESPOND? OR CORRELAT? OR RELATED OR ASSOCIAT? OR COMPAR?) AND S7 AND S8
S12	38018	(HALT? OR PROTECT? OR BLOCK? OR REJECT? OR PREVENT? OR DENY? OR DENIES) (3N) (TRANSFER? OR ACCESS OR DOWNLOAD? OR DOWN() LOAD?)
S13	75166	FEE OR PRICE? OR PAYMENT? OR PAY
S14	3810	SLIDING(3N) WINDOW??
S15	133	AU=(SIRIVARA, S? OR MCVEIGH, J? OR REESE, R? OR SIRIVARA S? OR MCVEIGH J? OR REESE R?)
S16	51	PEER(1N) PEER(3N) SHAR?
S17	186963	IC=G06K?
S18	13	(S1 OR S16) AND (S3 OR S4)
S19	0	S18 AND S7 AND S8 AND S9
S20	0	S18 AND S7:S9
S21	0	S18 AND S12
S22	0	S18 AND S17
S23	9	S18 NOT PY=>2002
S24	20	(S1 OR S16) AND S12
S25	0	S24 AND S7
S26	1	S24 AND S8
S27	1	S26 NOT S23
S28	0	S24 AND S9
S29	0	S24 AND S10
S30	20	S24 AND S12
S31	19	S30 NOT (S26 OR S23)
S32	10	S31 NOT PY=>2002
S33	0	S15 AND (S1 OR S16)
S34	6	S15 AND (S3 OR S4)
S35	6	S34 NOT (S30 OR S23 OR S26)
S36	2	S35 NOT PY=>2002

23/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06755593 **Image available**
IMAGE FORMING DEVICE, METHOD FOR SETTING EXTERNAL CONNECTING DESTINATION,
AND STORING MEDIUM

PUB. NO.: 2000-341459 [JP 2000341459 A]
PUBLISHED: December 08, 2000 (20001208)
INVENTOR(s): TANABE RITSUJI
APPLICANT(s): CANON INC
APPL. NO.: 11-149641 [JP 99149641]
FILED: May 28, 1999 (19990528)

ABSTRACT

...connecting destination, and a storing medium.

SOLUTION: An image forming device is provided with an **image** reading **section** 201, a digital processor **section** 203 having an **image** data storing and network interfacing function, and a printer section 204. The device is also...

... circuit section 205, having a CPU 206 which controls the outputting order of image data, **file sharing** for handling the hard disk of a computer on a network, as though the disk...

23/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06755586 **Image available**
IMAGE FORMING DEVICE, METHOD FOR **SHARING FILE** , AND STORING MEDIUM

PUB. NO.: 2000-341452 [JP 2000341452 A]
PUBLISHED: December 08, 2000 (20001208)
INVENTOR(s): TANABE RITSUJI
APPLICANT(s): CANON INC
APPL. NO.: 11-149642 [JP 99149642]
FILED: May 28, 1999 (19990528)

IMAGE FORMING DEVICE, METHOD FOR **SHARING FILE** , AND STORING MEDIUM

ABSTRACT

...sharing film, and a recording medium.

SOLUTION: An image forming device is provided with an **image** reading **section** 201 which reads **image** data from originals, a digital processor section 203 having a temporary storing section incorporating a buffer memory for storing image data and a network interface, and a printer **section** 204 which forms **images** on sheets. The image forming device is also provided with a CPU circuit section 205...

... which controls the outputting order of the image data storing in the temporary storing section, **file shares** for handling the hard disk of a computer on a network as through the disk...

23/3,K/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

05825024 **Image available**
ANIMATION IMAGE EDIT METHOD AND SYSTEM EMPLOYING THE SAME

PUB. NO.: 10-108124 [JP 10108124 A]
PUBLISHED: April 24, 1998 (19980424)
INVENTOR(s): SATO FUMITAKA
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
 (Japan)
 TOSHIBA COMPUT ENG CORP [486760] (A Japanese Company or
 Corporation), JP (Japan)
APPL. NO.: 08-257911 [JP 96257911]
FILED: September 30, 1996 (19960930)

ABSTRACT

... image that takes a timewise length of an animation image and also
restrict of a **file** capacity **shared** by the animation image into account
...

... the like or a representing frame is extracted from each scene of the
edit result **image**, in- **frame** compression is conducted and the file size
after compression is calculated as to the edit...
...it is possible to edit an animation image by taking even the restriction
of the **file** capacity **shared** by the animation image, and an optimum
environment to the moving edit system using a...

23/3,K/4 (Item 4 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

04408136 **Image available**
SHARED DATA MANAGING METHOD

PUB. NO.: 06-052036 [JP 6052036 A]
PUBLISHED: February 25, 1994 (19940225)
INVENTOR(s): KOBAYASHI FUMIHIRO
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP
 (Japan)
APPL. NO.: 04-224566 [JP 92224566]
FILED: August 03, 1992 (19920803)
JOURNAL: Section: P, Section No. 1746, Vol. 18, No. 287, Pg. 90, May
 31, 1994 (19940531)

ABSTRACT

...control part 4, a storage part 5, a keyboard 6, a mouse 7, and an **image**
display **part** 8, respectively. The storage part 5 holds a data file and a
program file, etc., and also, holds **shared** data **files** of the work
stations 2a-2n distributedly. The control part 4 manages the work stations
...

23/3,K/5 (Item 5 from file: 347)
DIALOG(R) File 347:JAPIO
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02636448 **Image available**
RECORDING AND READING SYSTEM FOR RADIOGRAPH INFORMATION

PUB. NO.: 63-253348 [JP 63253348 A]

PUBLISHED: October 20, 1988 (19881020)
INVENTOR(s): WATANABE YUKIO
APPLICANT(s): FUJI PHOTO FILM CO LTD [000520] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 62-087500 [JP 8787500]
FILED: April 09, 1987 (19870409)
JOURNAL: Section: P, Section No. 828, Vol. 13, No. 66, Pg. 12,
February 15, 1989 (19890215)

ABSTRACT

...code, they are inputted to an ID control terminal IET, and are stored on a **shared file** 30. When the bar code is inputted to the ID control terminal IET from each...

... reader IRS through an ID terminal IDT, the corresponding ID information is called, and the **image** reading **part** that has outputted the bar code sets read conditions and processes an image based on...

23/3,K/6 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014305603 **Image available**
WPI Acc No: 2002-126306/200217
XRPX Acc No: N02-094755

User setting shared system has customize unit which modifies specification of operation screen according to description of user setting in setting shared file acquired from memory

Patent Assignee: FUJI XEROX CO LTD (XERF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001306204	A	20011102	JP 2000125802	A	20000426	200217 B

Priority Applications (No Type Date): JP 2000125802 A 20000426

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001306204	A	19	G06F-003/00	

... unit which modifies specification of operation screen according to description of user setting in setting shared file acquired from memory

Abstract (Basic):

... A production unit generates a setting **shared file** to be stored in a memory. A customize unit modifies specification of an operation screen according to the description of user setting in the setting **shared file** acquired from the memory.

... The figure shows a **block** diagram of an **image** processor...

23/3,K/7 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014149257 **Image available**
WPI Acc No: 2001-633476/200173
XRPX Acc No: N01-473319

Image data processor for image scanner, printer connected to network, compares speed of image compression and generation and correspondingly

changes resolution of image

Patent Assignee: CANON KK (CANO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001245159	A	20010907	JP 200053250	A	20000229	200173 B

Priority Applications (No Type Date): JP 200053250 A 20000229

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001245159	A	15	H04N-001/41	

Abstract (Basic):

... The speed of image compression is detected and when it exceeds generation of **image** from output **section**, the resolution of **image**, is lowered and rescanning of image is performed.
... Image data processor **shared** by scanner, printer, **file** systems connected to network for real-time applications...

23/3,K/8 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013624607 **Image available**

WPI Acc No: 2001-108815/200112

XRPX Acc No: N01-081269

Image forming apparatus e.g. copier with image editing function or electron sorting function, sets up connecting point of external device on network, when it is unable to set by primary setter

Patent Assignee: CANON KK (CANO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000341459	A	20001208	JP 99149641	A	19990528	200112 B

Priority Applications (No Type Date): JP 99149641 A 19990528

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000341459	A	15	H04N-001/00	

Abstract (Basic):

... The external device and network (209) communicate via communicating unit. A **file sharing** unit determines whether the memory provided by external device is existing within image forming apparatus...
... The figure shows **block** diagram of **image** forming apparatus...

23/3,K/9 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013545266 **Image available**

WPI Acc No: 2001-029472/200104

XRPX Acc No: N01-023483

Electrophotographic image processor for trademark registration application, processes image according to file specified among digital print order format files read from memory

Patent Assignee: CANON KK (CANO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000299837	A	20001024	JP 99105103	A	19990413	200104 B

Priority Applications (No Type Date): JP 99105103 A 19990413

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000299837	A		9 H04N-005/907	

Abstract (Basic):

... Each information file can be specified among several **files**
shared in memory, by specifying a DPOF code. Required information can
be displayed by specifying a...

...The figure shows the **block** diagram of electrophotographic **image**
processor...

?

27/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05317167 **Image available**
FILE ACCESS CONTROL SYSTEM

PUB. NO.: 08-272667 [JP 8272667 A]
PUBLISHED: October 18, 1996 (19961018)
INVENTOR(s): NAKAMURA YOSHINORI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 07-100722 [JP 95100722]
FILED: March 31, 1995 (19950331)

ABSTRACT

... access the latest file by performing the independent access in the case that the process **rejects** the **access** to the file from another process but performing the **shared file** access in the other case...

...CONSTITUTION: A process controls an independent file access controller 101 in the case that it **rejects** the file **access** from another process, but it controls a **shared file** access controller 102 in the other case. At the time or control or the **shared file** access controller 102, updated **contents** are transmitted to all the processes which issue the access request when one process updates the file to read/write data from/in the **shared file**. Thus, the **file** read out by each process always has the latest **contents**.
?

32/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

06736459 **Image available**
INTER-NODE **SHARED FILE** CONTROL SYSTEM

PUB. NO.: 2000-322306 [JP 2000322306 A]
PUBLISHED: November 24, 2000 (20001124)
INVENTOR(s): SHINKAI YOSHITAKE
TSUCHIYA YOSHIHIRO
MURAKAMI TAKEO
APPLICANT(s): FUJITSU LTD
APPL. NO.: 11-143502 [JP 99143502]
FILED: May 24, 1999 (19990524)
PRIORITY: 10-328463 [JP 98328463], JP (Japan), November 18, 1998
(19981118)
11-063589 [JP 9963589], JP (Japan), March 10, 1999 (19990310)

INTER-NODE **SHARED FILE** CONTROL SYSTEM

ABSTRACT

... To reduce the increase of overhead and the deterioration of system performance accompanied by file **access**, and to **prevent** the inversion of a file time at the time of server switching in a duplex server system in an inter- node **shared file** system with tokens.

SOLUTION: At the time of requesting a token from a client part...

...competition between the plural clients 102 is not generated. Only at the time of performing **access** to the final **block** of the file, the client part 102 captures the size token corresponding to the file from the server part 103, and performs **access** to the final **block**. The server part 103 can simultaneously respond with the time token of write authority to...

32/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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03747245 **Image available**
FILE SYSTEM SHARED CONTROLLER

PUB. NO.: 04-112345 [JP 4112345 A]
PUBLISHED: April 14, 1992 (19920414)
INVENTOR(s): SUGISHITA KOJI
TSUBOSAKI TORU
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-233492 [JP 90233492]
FILED: September 03, 1990 (19900903)
JOURNAL: Section: P, Section No. 1397, Vol. 16, No. 365, Pg. 43,
August 06, 1992 (19920806)

FILE SYSTEM SHARED CONTROLLER

ABSTRACT

PURPOSE: To **prevent** a reluctant **access** unable state at the user side of a file system by cutting off a power...

32/3,K/3 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

02608951 **Image available**

SYSTEM FOR **SHARING FILE** AMONG PLURAL DATA PROCESSORS

PUB. NO.: 63-225851 [JP 63225851 A]

PUBLISHED: September 20, 1988 (19880920)

INVENTOR(s): SHIBAYAMA SHIGERU

APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 62-248164 [JP 87248164]

FILED: October 02, 1987 (19871002)

JOURNAL: Section: P, Section No. 815, Vol. 13, No. 27, Pg. 82, January
20, 1989 (19890120)

SYSTEM FOR **SHARING FILE** AMONG PLURAL DATA PROCESSORS

ABSTRACT

... for respective update log files, from closing to enable the other operating data processors to **access blocks** released from closing.

32/3,K/4 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO

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02468959 **Image available**

INTERSYSTEM EXCLUSIVE CONTROL SYSTEM IN CASE OF GENERATING ABNORMALITY

PUB. NO.: 63-085859 [JP 63085859 A]

PUBLISHED: April 16, 1988 (19880416)

INVENTOR(s): NIHEI TORU

APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 61-230943 [JP 86230943]

FILED: September 29, 1986 (19860929)

JOURNAL: Section: P, Section No. 752, Vol. 12, No. 323, Pg. 47,
September 02, 1988 (19880902)

ABSTRACT

... operation of a data base by recording the system status at every system on a **shared system file**, and analyzing the cause of an intersystem communication interruption in case of generating system abnormality...

... to a sound mark. Consequently, the reconstitution (reassignment of access right) of a control network **preventing access** to the shared data base from being disabled can be attained.

32/3,K/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

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02448659 **Image available**

FILE SHARING SYSTEM BETWEEN PLURAL DATA PROCESSOR

PUB. NO.: 63-065559 [JP 63065559 A]

PUBLISHED: March 24, 1988 (19880324)
INVENTOR(s): SHIBAYAMA SHIGERU
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 61-209353 [JP 86209353]
FILED: September 05, 1986 (19860905)
JOURNAL: Section: P, Section No. 742, Vol. 12, No. 290, Pg. 23, August
09, 1988 (19880809)

FILE SHARING SYSTEM BETWEEN PLURAL DATA PROCESSOR

ABSTRACT

... the block which has been blocked by the blocking means 10 is released,
and an **access** to its **block** can be executed from other data processor
which is being operated, but if an access...

32/3,K/6 (Item 6 from file: 347)

DIALOG(R) File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

02370460 **Image available**
EXCLUSIVE CONTROL SYSTEM

PUB. NO.: 62-287360 [JP 62287360 A]
PUBLISHED: December 14, 1987 (19871214)
INVENTOR(s): MASAI TERUAKI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 61-132149 [JP 86132149]
FILED: June 06, 1986 (19860606)
JOURNAL: Section: P, Section No. 708, Vol. 12, No. 178, Pg. 31, May
26, 1988 (19880526)

ABSTRACT

...control processor 10 is channel-connected to a processor 100. In case of
executing an **access** to a **block** for constituting a **shared file**
between plural processors being on a disk device, it is necessary to obtain
the approval...

32/3,K/7 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011885348 **Image available**
WPI Acc No: 1998-302258/199827
XRPX Acc No: N98-236834

**File access authentication method for file - sharing type client-server
network - involves performing authentication process when access to share
file, saved in local memory of client, is requested**

Patent Assignee: HITACHI SOFTWARE ENG CO LTD (HISF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10105470	A	19980424	JP 96257186	A	19960927	199827 B

Priority Applications (No Type Date): JP 96257186 A 19960927

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10105470	A	7	G06F-012/14	

File access authentication method for file - sharing type client-server network...

...Abstract (Basic): ADVANTAGE - Prevents illegal access to highly-confidential data since access of non-regular user to data copied by client...

32/3,K/8 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

010606339 **Image available**

WPI Acc No: 1996-103292/199611

XRPX Acc No: N96-086705

Electronic newspaper system with access from portable data reader - has distinction unit which distinguishes whether transmission is possible before starting information transmission using cable or RF system, based on diagnostic result from reader

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8009084	A	19960112	JP 94140318	A	19940622	199611 B

Priority Applications (No Type Date): JP 94140318 A 19940622

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8009084	A	29	H04N-001/00	

...Abstract (Basic): Arranges scrap data easily at time of data editing. Improves speed of information transfer. Enables sharing of information. Reduces file access time. Prevents disorder of screen due to switching of character font. Delivers information smoothly...

32/3,K/9 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010481383 **Image available**

WPI Acc No: 1995-382704/199549

Related WPI Acc No: 1996-464552

XRPX Acc No: N95-280357

Shared direct access storage device for computer network e.g LAN - has heart beat unit which write heart beat data to control files indicating whether a computer is communicating with any of shared files in table

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BEAUSOLEIL W F; BERGHORN C R; HUPCEY J A; SCHLOSSER S J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5463754	A	19951031	US 92969865	A	19921030	199549 B

Priority Applications (No Type Date): US 92969865 A 19921030

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5463754	A		8 G06F-013/00	

... heart beat data to control files indicating whether a computer is communicating with any of shared files in table

...Abstract (Basic): The system includes a shared fixed **block** architecture direct **access** storage device (113a,113n) with **shared files** . A control unit (115) which includes a data unit (116) for moving data between the shared fixed **block** architecture direct **access** storage device. An SETL unit (120) processes access requests and creates control files. The unit also creates and maintain a table of selected **shared files** .

...unit (118) writes heart beat data to the control files associated with each of the **shared files** in the table. The heart beat data indicates whether a first computer system is currently communicating with any of the **shared files** in the table. The first computer system is terminated when a second computer request access to one of the **shared files** .

32/3,K/10 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007858669 **Image available**
WPI Acc No: 1989-123781/198917
XRPX Acc No: N89-094379

Space management system for file access processor - allows coordination of space catalogue changes between contending application support processors

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: BARNES C C; BENNETT R B; SZCYGIELSK T J; SZCZYGIELSKI T J
Number of Countries: 005 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 312865	A	19890426	EP 88116740	A	19881010	198917 B
US 4888681	A	19891219	US 87110463	A	19871019	199008
EP 312865	B1	19950329	EP 88116740	A	19881010	199517
DE 3853460	G	19950504	DE 3853460	A	19881010	199523
			EP 88116740	A	19881010	

Priority Applications (No Type Date): US 87110463 A 19871019

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 312865	A	E	29		
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Designated States (Regional): DE FR GB IT

US 4888681	A		23		
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EP 312865	B1	E	34	G06F-012/02	
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Designated States (Regional): DE FR GB IT

DE 3853460	G			G06F-012/02	Based on patent EP 312865
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...Abstract (Basic): the owning application support processor's Data Access System local control (42). On completion of **access** , a file control **block** (68) is released after information transfer to a work request block (64...

...Abstract (Equivalent): A method of managing file space in a data access system (14) which provides **shared file** access to a plurality of application support processors (10), comprising the steps of: keeping

in...

...Abstract (Equivalent): adding space, deleting space, setting thresholds for limit warning notifications, crediting space freed, and permitting **file** spaces to be **shared** by more than one application support processor...

?

36/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013513879 **Image available**
WPI Acc No: 2000-685825/200067
XRPX Acc No: N00-506954

Data management for video conferencing, involves allocating bits for encoding frames in video sequence based on data and frame rates estimated using time stamps of instruction from application program interface

Patent Assignee: INTEL CORP (ITLC)
Inventor: LORD C; MCVEIGH J S
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6108447	A	20000822	US 9849287	A	19980326	200067 B

Priority Applications (No Type Date): US 9849287 A 19980326

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6108447	A	13	G06K-009/36	

Data management for video conferencing, involves allocating bits for encoding frames in video sequence based on data and frame rates estimated using time stamps of instruction from application...

...Inventor: MCVEIGH J S

Abstract (Basic):

... A frame rate of video sequence is estimated using time stamps of instructions received through application program interface. The time...

...time representation of when instructions are received through the interface. Number of bits for encoding frames in video sequence is allocated, based on data and frame rates.

... The frame rate of video sequence is estimated by determining the timing at which function calls are made to compress data corresponding to respective frames in video sequence and then recording the time when data compression takes place. Number of frames to...

...rate hence during system load fluctuation by allocating larger number of bits to encode the frames in video sequence, visual quality of each frame is improved...

36/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012192790 **Image available**
WPI Acc No: 1998-609703/199851
XRPX Acc No: N98-474292

Computer implemented video signal encoding method - involves adjusting quantisation levels based on size of frame encoded previously, target encoded frame size, currently encoded frame size and target average coded frame size

Patent Assignee: INTEL CORP (ITLC)
Inventor: CHEN G K; REESE R J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5832125	A	19981103	US 95568748	A	19951207	199851 B

Priority Applications (No Type Date): US 95568748 A 19951207

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5832125	A	8	G06K-009/36	

...Inventor: REESE R J

...Abstract (Basic): A quantization level is generated for a current **frame**
(i) in the **video** sequence by accordingly adjusting the level for a
coarser or finer quantisation, based on the...

?

? show files;ds;save temp;logoff hold

File 9:Business & Industry(R) Jul/1994-2004/Oct 22
(c) 2004 The Gale Group

File 15:ABI/Inform(R) 1971-2004/Oct 25
(c) 2004 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2004/Oct 25
(c) 2004 The Gale Group

File 20:Dialog Global Reporter 1997-2004/Oct 25
(c) 2004 The Dialog Corp.

File 47:Gale Group Magazine DB(TM) 1959-2004/Oct 25
(c) 2004 The Gale group

File 75:TGG Management Contents(R) 86-2004/Oct W3
(c) 2004 The Gale Group

File 80:TGG Aerospace/Def.Mkts(R) 1986-2004/Oct 25
(c) 2004 The Gale Group

File 88:Gale Group Business A.R.T.S. 1976-2004/Oct 21
(c) 2004 The Gale Group

File 98:General Sci Abs/Full-Text 1984-2004/Sep
(c) 2004 The HW Wilson Co.

File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media

File 141:Readers Guide 1983-2004/Sep
(c) 2004 The HW Wilson Co

File 148:Gale Group Trade & Industry DB 1976-2004/Oct 15
(c)2004 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2004/Oct 25
(c) 2004 The Gale Group

File 264:DIALOG Defense Newsletters 1989-2004/Oct 25
(c) 2004 The Dialog Corp.

File 484:Periodical Abs Plustext 1986-2004/Oct W3
(c) 2004 ProQuest

File 553:Wilson Bus. Abs. FullText 1982-2004/Sep
(c) 2004 The HW Wilson Co

File 570:Gale Group MARS(R) 1984-2004/Oct 25
(c) 2004 The Gale Group

File 608:KR/T Bus.News. 1992-2004/Oct 25
(c)2004 Knight Ridder/Tribune Bus News

File 620:EIU:Viewswire 2004/Oct 22
(c) 2004 Economist Intelligence Unit

File 613:PR Newswire 1999-2004/Oct 25
(c) 2004 PR Newswire Association Inc

File 621:Gale Group New Prod.Annou.(R) 1985-2004/Oct 25
(c) 2004 The Gale Group

File 623:Business Week 1985-2004/Oct 23
(c) 2004 The McGraw-Hill Companies Inc

File 624:McGraw-Hill Publications 1985-2004/Oct 23
(c) 2004 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2004/Oct 21
(c) 2004 San Jose Mercury News

File 635:Business Dateline(R) 1985-2004/Oct 23
(c) 2004 ProQuest Info&Learning

File 636:Gale Group Newsletter DB(TM) 1987-2004/Oct 25
(c) 2004 The Gale Group

File 647:CMP Computer Fulltext 1988-2004/Oct W3
(c) 2004 CMP Media, LLC

File 696:DIALOG Telecom. Newsletters 1995-2004/Oct 22
(c) 2004 The Dialog Corp.

File 674:Computer News Fulltext 1989-2004/Sep W1
(c) 2004 IDG Communications

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 587:Jane's Defense&Aerospace 2004/Aug W5
(c) 2004 Jane's Information Group

Set	Items	Description
S1	89949	FILE?(3N) (SHARES OR SHARED OR SHARING)
S2	11070967	AUDIO OR MUSIC OR IMAGE? OR GRAPHIC? OR VIDEO OR MP3 OR MOVIE?
S3	268448	S2(3N) (SECTION? OR CLIP???? OR SEGMENT? ? OR PARTS OR PIECE? ? OR PORTION? ? OR PARTITION? OR SECTION? ?)
S4	204522	S2(3N) (PART OR BLOCK? ? OR FRAGMENT? OR SAMPLE OR SAMPLES - OR SAMPLING OR FRAME? OR SUBPORTION? OR SIGNATURE? OR SUBREGION?)
S5	4468	(AUTHOR? OR APPROV? OR ALLOW? OR PERMIT? OR PERMIS? OR VALIDAT? OR AUTHENTICAT? OR ACCEPT? OR CERTIF?) (3N)S1
S6	15983514	NETWORK? OR INTERNET OR SERVER?
S7	7109	REFERENCE (3N) FEATURE?
S8	3855372	CONTENT?
S9	4415	EDGE (3N) DETECT?
S10	7252	EXTRACT? (3N) (FEATURE? OR ID OR IDENTIFICATION OR IDENTIFIER?)
S11	2	(MATCH? OR CORRESPOND? OR CORRELAT? OR RELATED OR ASSOCIAT? OR COMPAR?) (5N)S7 (5N)S8
S12	187145	(HALT? OR PROTECT? OR BLOCK? OR REJECT? OR PREVENT? OR DENY? OR DENIES) (3N) (TRANSFER? OR ACCESS OR DOWNLOAD? OR DOWN()LOAD?)
S13	21174575	FEE OR PRICE? OR PAYMENT? OR PAY
S14	5020	SLIDING (3N) WINDOW??
S15	251	AU=(SIRIVARA, S? OR MCVEIGH, J? OR REESE, R? OR SIRIVARA S? OR MCVEIGH J? OR REESE R?)
S16	6550	PEER(1N)PEER(3N)SHAR?
S17	4468	(S1 OR S16) (S)S5
S18	14	S17(S) (S3 OR S4)
S19	0	S18(S)S7
S20	2	S18(S)S8
S21	0	S18(S)S9
S22	0	S18(S)S10
S23	1	S18(S)S12
S24	1	S18(S)S13
S25	0	S24 NOT (S20 OR S23 OR S11)
S26	11	S18 NOT (S20 OR S23 OR S11)
S27	10	RD S26 (unique items)
S28	10	S15 AND (S1 OR S16 OR S8)
S29	10	S28 NOT (S26 OR S20 OR S23 OR S11)
S30	3	S29 AND PY=2002:2004
S31	7	S29 NOT S30
S32	6	RD S31 (unique items)
S33	1	S32 NOT (DISARM? OR TACTICAL OR WETLAND OR CORN OR FLORIDA)
S34	1421	INTEL(S) (S1 OR S16)
S35	7	S34(5N)S8
S36	7	RD S35 (unique items)
S37	7	S36 NOT (S28 OR S26 OR S20 OR S23 OR S11)
S38	7	RD S37 (unique items)

11/3,K/1 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2004 The Gale group. All rts. reserv.

04672167 SUPPLIER NUMBER: 18973334 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Photolysis of the carbon monoxide complex of myoglobin: nanosecond
time-resolved crystallography.**

Srajer, Vukica; Teng, Tsu-yi; Ursby, Thomas; Pradervand, Claude; Ren, Zhong
; Adachi, Shin-ichi; Schildkamp, Wilfried; Bourgeois, Dominique; Wulff,
Michael; Moffat, Keith

Science, v274, n5293, p1726(4)

Dec 6, 1996

ISSN: 0036-8075 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2873 LINE COUNT: 00220

... out of the heme plane toward the proximal histidine. The ratio of
the integrated electron **content** of the CO- **associated** and Fe- **associated**
features in the **reference** map (Fig. 1G) is 2.3, close to
time-independent, experimental value of this ratio...

11/3,K/2 (Item 1 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.

(c) 2004 The Gale Group. All rts. reserv.

04149990 SUPPLIER NUMBER: 18973334

**Photolysis of the carbon monoxide complex of myoglobin: nanosecond
time-resolved crystallography.**

Srajer, Vukica; Teng, Tsu-yi; Ursby, Thomas; Pradervand, Claude; Ren, Zhong
; Adachi, Shin-ichi; Schildkamp, Wilfried; Bourgeois, Dominique; Wulff,
Michael; Moffat, Keith

Science, v274, n5293, p1726(4)

Dec 6, 1996

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... out of the heme plane toward the proximal histidine. The ratio of
the integrated electron **content** of the CO- **associated** and Fe- **associated**
features in the **reference** map (Fig. 1G) is 2.3, close to
time-independent, experimental value of this ratio...

? t20/3,k/all

20/3,K/1 (Item 1 from file: 608)

DIALOG(R)File 608:KR/T Bus.News.

(c)2004 Knight Ridder/Tribune Bus News. All rts. reserv.

06651082 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Pay-Phone Vendors Say Santa Ana, Calif., Law Will Cost Them Thousands

Valeria Godines

Orange County (Calif.) Register

April 09, 1999

DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH

WORD COUNT: 695

20/3,K/2 (Item 1 from file: 674)

DIALOG(R)File 674:Computer News Fulltext

(c) 2004 IDG Communications. All rts. reserv.

096414

Collaborative tools resources

Byline: SUZANNE GASPAR

Journal: Network World

Publication Date: September 24, 2001

Word Count: 348 Line Count: 83

Text:

... hosted through an application service provider. Tools typically offer document management with functions such as **file** , application and presentation **sharing** , joint **authoring** and white boarding, and use of public folders. Tools may offer contact management functions such...

... sub=1&url=/products/platform5/framesetpakete.html Bungo Connected Workspaceshttp://www.bungo.com/bungo.com/ **content** /newinfopages/product1.html Centra Centra eMeeting 3.0http://www.centra.com/products/emeeting/info.asp...

... Pyra Bloggerhttp://www.blogger.com/about.pyra Bungo LiveMail,http://www.bungo.com/bungo.com/ **content** /newinfopages/product3.html Flypaper TeamSpacehttp://corporate.flypaper.com/exec.asp?Page=4407.16&display=3766 ...

... **frame** .html **Audio** and **video** conferencing: Accord Virtual Conference Suitehttp://www.accordnetworks.com/products/Product ? t23/3,k/all

23/3,K/1 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

37396797

Stop the music!

WALL STREET JOURNAL (US EDITION)

August 23, 2004

JOURNAL CODE: FTWJ LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 81

... amount of bandwidth that can be used by students, while others block access to music **file - sharing** sites or only **allow** the use of legitimate online music services. The University of Florida has been able to...

?

27/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2004 The Gale Group. All rts. reserv.

1558755 Supplier Number: 01558755 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Gallery Software

(Gallery Software launches version 2.0 of SampleSearch; Mac software improves sound effects and networking capabilities of Pro Tools)

Pro Sound News Europe, p 44

July 1996

DOCUMENT TYPE: Journal ISSN: 0164-6338 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 92

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...now takes advantage of Apple drag and drop technology. By providing workgroup access to a **shared audio file server**, **Sample -Search** **allows** Pro Tools users to share audio with their colleagues. It auditions over a simple Ethernet...

27/3,K/2 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

32238160

Germany - Sony Music to launch anti-pirate CD technology

RDSL EUROPE

November 12, 2003

JOURNAL CODE: WRDD LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 24

... Music will launch CD technology in Germany to block users from copying music tracks to **file - sharing** sites but **permits** copies for personal use.

27/3,K/3 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

29292550 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Business And Finance (Net Results): Mac inspires us to make most of technology

IRISH TIMES

May 23, 2003

JOURNAL CODE: FIRT LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1051

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... download any of the picture files they want. It's easy, too, to add in **video clips**, and you can password-protect the website so that only family and friends can access it. The **file sharing** page resolved the looming hassle of getting copies of the pictures to the relatives back...

27/3,K/4 (Item 3 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

24076458 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Grand Valley State U.: Grand Valley State U. student busted for downloading
'Spiderman'**

Nate Thompson
UNIVERSITY WIRE

July 24, 2002

JOURNAL CODE: WUWI LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 482

... wrong. Other companies followed suit after Napster was forced to shut down, and KaZaa (another **file sharing** company), for one, **allows** people to download movies and music videos.

"Students should be warned against doing this," said...

27/3,K/5 (Item 4 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

15690719 (USE FORMAT 7 OR 9 FOR FULLTEXT)

I Wannabe A Cyberstar

ALIX SHARKEY

EVENING STANDARD, p29

March 19, 2001

JOURNAL CODE: FES LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 715

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... be able to buy their music online, as an audio/visual file, complete with integrated **video clip**. Language is no barrier to a cyberstar, who can be reprogrammed for any market.

'There...

27/3,K/6 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

04614510 SUPPLIER NUMBER: 18789588 (USE FORMAT 7 OR 9 FOR FULL TEXT)

What's worse: flying coach or setting up an ISDN videoconferencing system?

(Intel's ProShare Video System 200, Elsa's ElsaVision videoconferencing equipment) (Hardware Review) (Evaluation)

Smith, Greg; Desmond, Michael

PC World, v14, n11, p60(3)

Nov, 1996

DOCUMENT TYPE: Evaluation ISSN: 0737-8939 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1125 LINE COUNT: 00091

...ABSTRACT: System 200 and Elsa's \$1649 ElsaVision videoconferencing systems rely on ISDN communications lines to **allow** application and **file sharing** as well as real-time video calls, but suffer from frustrating ISDN configuration and implementation...

...audio are synchronized and video picture display is good. Elsa's requirement for an additional **graphics** adapter produced slow **frame**

rates. Both products effectively support application sharing and whiteboard functions.

27/3,K/7 (Item 1 from file: 141)
DIALOG(R) File 141:Readers Guide
(c) 2004 The HW Wilson Co. All rts. reserv.

04527145 H.W. WILSON RECORD NUMBER: BRGA01027145

Breaking the sound barriers.

Farley, Christopher John.

Time v. 157 no21 (May 28 2001) p. 71

ABSTRACT: Part of a special **section** on **music** innovators. Some musicians have found new ways to overcome established barriers and create fresh approaches to reclaiming worthy traditions. Even as one barrier is eliminated, however, another is constructed. **File - sharing** services **permit** a river of music to flow across a desktop, but lawsuits may soon slow this...

27/3,K/8 (Item 1 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02447715 SUPPLIER NUMBER: 65577986 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Digital books.(Product Information)

Koplowitz, H.B.

Link-Up, 17, 5, 13

Sept, 2000

ISSN: 0739-988X

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 940

LINE COUNT: 00077

TEXT:

There's good news for trees. While the **music** industry tries to **block** the digitization of **music** over the issue of piracy, the publishing industry is quietly gearing up for paperless digital books. Maybe that's because publishers are more used to **file sharing** applications that **allow** users to access their products for free--they're called libraries.

27/3,K/9 (Item 1 from file: 634)
DIALOG(R) File 634:San Jose Mercury
(c) 2004 San Jose Mercury News. All rts. reserv.

11094012

MICROSOFT TO UNVEIL ONLINE LISTEN-ONLY MUSIC SERVICE

San Jose Mercury News (SJ) - Wednesday, April 4, 2001

By: From Mercury News staff, the Associated Press, Reuters

Edition: Morning Final Section: Business Page: 1C

Word Count: 107

TEXT:

... reggae. The service then searches a fixed database of songs to assemble a two-hour **segment** of **music** based on those preferences. It does not **allow** music downloads, **file - sharing** or specific song requests. To play the song selection, Microsoft is introducing a simplified desktop...

27/3,K/10 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

04791271 Supplier Number: 65514401 (USE FORMAT 7 FOR FULLTEXT)

web. video; Invigorating video with unique audio.

McMahon, Frank

Video Systems, pNA

Sept, 2000

Language: English Record Type: Fulltext

Document Type: Tabloid; Trade

Word Count: 1776

... and faster access to music becomes commonplace. However, you could use this to your advantage. **File sharing** is currently the hot thing, and this could be your source for receiving music for...

...coverage, other programs and options offer much more flexibility. Scour (www.scour.com), for example, **allows sharing of files** to and from anywhere, which opens up multiple opportunities. For example, you may know of a musician across the country, and they could actually swap files with you via a **file sharing** service. Programs like Scour also have the ability to preview files, meaning you don't have to download the entire **music sample** to listen to

?

33/3,K/1 (Item 1 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01998141 51077632

Renewables from another angle

McVeigh, James ; Darmstadter, Joel; Palmer, Karen
Electric Perspectives v25n2 PP: 10-20 Mar/Apr 2000
ISSN: 0364-474X JRNL CODE: ELP
WORD COUNT: 4530

McVeigh, James ...

...TEXT: three categories: wood and agricultural wastes, municipal solid waste, and biomass grown specifically for energy **content**. All three sources can be used for generating electricity as well as heat, while the ...

... all the varied uses of the fuel and reported future market penetration as the energy **content** of the fuels it was to replace (including inputs to electricity generation).

It is therefore...

?

38/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

10989011 Supplier Number: 112807598 (USE FORMAT 7 FOR FULLTEXT)
Pepsi's Download Fizz.(Column)
Webb, Cynthia L.
Washingtonpost.com, pNA
Feb 2, 2004
Language: English Record Type: Fulltext
Article Type: Column
Document Type: Newswire; General Trade
Word Count: 1996

... data-storage capacity of the latest handsets. One reason is that companies have held back **content**, out of fear of unauthorized **file - sharing** with phones. The new group, dubbed the Content Management License Administrator, hopes to help break...

38/3,K/2 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

36917922
-Powerful Licensing Authority opens up HD DVD for personal use
DMEUROPE
July 27, 2004
JOURNAL CODE: WDME LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 886

... chips, supporting embedded Linux for digital media and is part of the 4C Consortium on **content** protection; **Intel** owns the chips that drive the PC end of the hardware equation and is a...

38/3,K/3 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

33115413
World - Technology firms join forces for Project Hudson
RDSL AMERICAS
January 05, 2004
JOURNAL CODE: WRDA LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 101

... protecting digital content. The partners are jointly developing a new program which will protect digital **content** from unlawful **file sharing**. Further details of the initiative are set to be introduced in February 2004. The new...

38/3,K/4 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

22797482 (USE FORMAT 7 OR 9 FOR FULLTEXT)
The world according to Intel's Craig Barrett
Intel's CEO talks about training, telecoms and convergence

Tony Waltham
BANGKOK POST
May 15, 2002
JOURNAL CODE: FBKP LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 2082

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... a proposed US bill that would invoke restrictive measures around the dissemination of all digital **content** and of peer-to-peer **file sharing** .

38/3,K/5 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

02038159 SUPPLIER NUMBER: 19049113 (USE FORMAT 7 OR 9 FOR FULL TEXT)
This is your LAN calling. (PictureTel's LiveLAN-V provides videoconferencing for Windows 95) (includes an executive summary) (Software Review) (Evaluation)
Wong, William
LAN Magazine, v11, n12, p151(5)
Nov, 1996
DOCUMENT TYPE: Evaluation ISSN: 1069-5621 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3834 LINE COUNT: 00309

... the other end is automatically updated. Both people see the same window contents, and the **contents** can be saved into a **file** .

Application **sharing** works in a similar fashion. Only one workstation is actually running the application, while the...

38/3,K/6 (Item 1 from file: 696)
DIALOG(R)File 696:DIALOG Telecom. Newsletters
(c) 2004 The Dialog Corp. All rts. reserv.

00848092
**HOME NETWORKING STILL NEEDS DRM, ESPECIALLY FOR VIDEO, SPEAKERS SAY **
CONSUMER ELECTRONICS DAILY
November 7, 2003 DOCUMENT TYPE: NEWSLETTER
PUBLISHER: WARREN PUBLISHING INC.
LANGUAGE: ENGLISH WORD COUNT: 440 RECORD TYPE: FULLTEXT

(c) WARREN PUBLISHING INC. All Rts. Reserv.

TEXT:
...Thurs.

Digital Transmission Content Protection over Internet Protocol (DTCP over IP) is the solution for **content** distribution inside homes, **Intel** Software Architect Steven Williams said. Progress has been made toward protecting music, but owners of video content are warier, as well as wiser, having watched the labels' struggle with **file sharing** , speakers said. The **content** piece of the home networking puzzle has started falling into place with new business models...

38/3,K/7 (Item 1 from file: 674)
DIALOG(R)File 674:Computer News Fulltext
(c) 2004 IDG Communications. All rts. reserv.

083304

Storage in a snap

Quantum 's Snap Server wins the test of network-attached storage devices.

Byline: DAVID STROM

Journal: Network World Page Number: 59

Publication Date: April 17, 2000

Word Count: 2307 Line Count: 198

Text:

...Net Raptor, Instant GigaDrive and NAS Engine 1U will let you browse and view the **contents** of your **shared files** via a Web browser. This makes it easy for people in your organization to share...

?

stating the obvious

[archives](#) | [about](#)

Content as Currency

Oct 03, 2000 :: Michael Sippey

As Napster heads back into court this week, hordes of "music lovers" will likely flood the Napster network, hunting for that perfect rip of whatever it is that gets their blood pumping. And regardless of the outcome in court, attention of the popular press will likely circle back to the viability of Napster alternatives -- Gnutella, Freenet and other distributed, person-to-person file-sharing systems.

With perfect timing, *First Monday* published [Free Riding on Gnutella](#), by Xerox PARC researchers Eytan Adar and Bernardo Huberman yesterday. The study, which has been widely discussed on [mailing lists](#) and [weblogs](#) since its initial publication on the PARC site, contends that the vast majority of Gnutellans use the system only to search for files, not to share their own. With a convincing academic rigor (read -- charts and graphs), they argue that Gnutella is suffering from a tragedy of the commons: "70% of Gnutella users share no files, and 50% of all [search] responses are returned by the top 1% of sharing hosts," they report.

Adar and Huberman argue that the anonymous nature of Gnutella is a key factor in its apparent demise. "In order for distributed systems with no central monitoring to succeed," they conclude, "a large amount of voluntary cooperation is required, a requirement that is very hard to fulfill in systems with large user populations that remain anonymous."

While Gnutella may indeed be suffering from a tragedy of the commons, I don't believe that removing anonymity would make much of a difference. Leaving aside the obvious legal implications of adding user identities to the Gnutella network (wouldn't the RIAA just love that), it's not the ideal architectural solution to the Gnutella problem. Even if there *weren't* legal repercussions to logging on as Michael Sippey and sharing that bootleg copy of Kid A that I happened to get my hands on, I'd still just log on, point my Gnutella client to an empty directory on my hard drive, and search away. After all, the incentive of people knowing that they swiped Kid A from *me* isn't enough to encourage me to share. And conversely, the disincentive of people knowing that *I'm* searching without sharing isn't enough to encourage me to point my Gnutella client to a richer directory.

A more appropriate solution to the Gnutella problem would be a market-based approach, where the content itself is used as currency. Imagine a P2P system that operates like the informal "community" of folks who run warez FTP servers. You want to download something? Well, you better upload something in return...

- You log on anonymously. After all, who you are isn't important, only what you've got to share.
- As you share files, you "price" them, in a currency denominated in other files. You could require users who want to download a particular

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track of yours to have on their drives a certain number of songs by the same artist, or in the same genre, or of a similar bit rate, or be sitting on a certain line speed. Or any combination of those, or any other musical metadata. (Example: "You want this rare b-side from Sleater Kinney? You have to be sharing an entire Sleater Kinney album, or at least fifteen songs released on Sub Pop since 1990.")

- When you search for a particular track, the app would return not only the available files, but also their associated "prices." Your app would automatically recognize if you have the appropriate number or type of files shared, and flag those tracks in the UI as available to you.

There's one key infrastructure component required to make an application like this work...and several interesting implications.

First, the infrastructure. The component required to make this system anything other than a pipe dream would be a CDDDB-like service (or network of services) that would authenticate MP3 collections. Imagine this -- every time you add a file to your shared directory, the app would read the file and authenticate its artist, album, song title, genre and any other appropriate metadata, and tag the file appropriately. It would use public-key cryptography to ensure that an authorized authentication service would be the one doing the authenticating. And until a file is authenticated and tagged, it couldn't be shared on the network. Without such a service, people would flood the network with counterfeit files, tagged to look like the real thing.

Second, the implications. "Pricing" for new files on the system would likely vary wildly at first, as people relied on their own value judgments to set prices ("I really love this new Britney Spears, so it must be worth five Backstreet Boys tracks."). But as files were copied and distributed around the network, prices would likely reach some sort of equilibrium -- more suppliers, more "competition." If one user under priced others offering the same goods, their system would likely get swamped with requests, reducing the availability of that track and driving customers to other higher priced "vendors" that offer faster downloads.

Over time, pricing for widely available files (aka "commodity goods") would likely drive to zero, or at least the "marginal cost" -- i.e. bandwidth -- of providing such files. (Users on reliable high-speed lines could potentially charge slightly more for their files.) But new and "rare" files would likely remain expensive. The existence of any pricing scheme could give record labels and content producers access to a radically new form of market research. In the right hands, the average cost of any particular file on the network (as expressed in terms of other tracks on the network), combined with an index that represents of the availability of that file, could prove more informative than the Billboard charts.

Finally, what I've been describing is a barter-based system. Such a system could evolve its own currency (to facilitate faster and easier transactions), spawn its own market makers, or both.

Removing anonymity won't solve Gnutella's problems. An individual's identity (and associated reputation) doesn't carry much influence on the digital commons. On the digital commons, content is king -- and authenticated content can be turned into something more powerful than the rule of kings: currency.

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